# Annual Report

# Fiscal year 2012

## Missouri Department of Higher Education

### ❧ December 2012 ❧

**MDHE**™
Missouri Department of Higher Education
*Building Missouri's future...*
*by degrees*®

**Missouri Department of Higher Education Annual Report
Fiscal Year 2012**

**Coordinating Board for Higher Education**

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*Vision Statement: Missouri will be a recognized national leader in higher education quality and performance excellence.*

*Mission Statement: To deliver an affordable, quality, coordinated postsecondary education system and increase successful participation, benefiting all Missourians.*

**Message from the chair:**

The Coordinating Board for Higher Education and the Missouri Department of Higher Education are pleased to present this Annual Report on accomplishments for Fiscal Year 2012. This report describes the actions and activities taken to coordinate the state's system of higher education.

Missouri saw a modest 1.4 percent increase in enrollment for the previous fiscal year. During the past three years, however, enrollment at public post secondary institutions increased by about 14 percent.
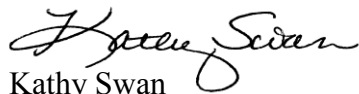
Governor Jeremiah "Jay" Nixon and MDHE jointly hosted the Governor's Summit on Higher Education in August 2011. The summit was attended by presidents and chancellors of the public institutions of higher education in Missouri, as well as representatives of other state departments and higher education advocacy groups. The governor described his four major goals for higher education: 1) degree attainment; 2) academic program review; 3) increasing cooperation and collaboration in administrative and academic areas; and 4) performance funding for higher education. This report summarizes progress on these priorities.

This year, the Missouri General Assembly passed legislation introduced by Representative Mike Thomson and Senator David Pearce that directs the CBHE to take specific actions to further promote student retention and credential completion.

The Coordinating Board for Higher Education hosted a Governing Board Forum June 7, 2012 for representatives from local governing boards of higher education institutions, institution presidents and chancellors, and representatives from the state departments of Elementary and Secondary Education and Economic Development. A total of 115 participants attended the forum to discuss issues of mutual importance, learn from state and national leaders, and network among themselves and with other governing board members.

The Coordinating Board for Higher Education is dedicated to achieving higher degree attainment rates, making college affordable for Missouri families and linking higher education with economic growth opportunities for the state. Much work remains to be done to make Missouri a leader in higher education.

With pride in our accomplishments and confidence for the future, we are pleased to submit this Annual Report.

Kathy Swan
2012 Chair
Coordinating Board for Higher Education

# Table of Contents

# Introduction

Section 173.040, RSMo defines the annual reporting requirements of the CBHE, and this annual report is arranged according to these six statutory requirements.

## Reports to governor and general assembly, contents.

173.040. The coordinating board is directed to submit a written report to the governor or governor-elect at least forty-five days prior to the opening of each regular session of the general assembly and to submit the same report to the general assembly within five days after the opening of each regular session. The report shall include:

(1) A statement of the initial coordinated plan for higher education in Missouri, together with subsequent changes and implementations;

(2) A review of recent changes in enrollments and programs among institutions of higher education in the state;

(3) A review of requests and recommendations made by the coordinating board to institutions of higher education in accordance with section 173.030 and of the college's or university's response to requests and recommendations, including noncompliance therewith;

(4) The coordinating board's recommendations for development and coordination in state-supported higher education in the forthcoming biennium, within the context of the long-range coordinated plan;

(5) The coordinating board's budget recommendations for each state-supported college or university for the forthcoming biennium; and

(6) The campus-level data on student persistence and a description, including the basis of measurement, of progress towards implementing revised remediation, transfer, and retention practices under subdivisions (6) and (8) of subsection 2 of section 173.005.

# 1.    Imperatives for Change

The coordinated plan for higher education in Missouri, *Imperatives for Change: Building a Higher Education System for the 21st Century,* has guided policy and accountability for the Missouri Department of Higher Education for four years.

The plan was developed in coordination with the presidents and chancellors of Missouri's colleges and universities and other major stakeholders. Accountability measures provide a dynamic framework for the MDHE performance dashboard, which charts progress on the plan's three major goals:

- Increase educational attainment
- Produce a globally competitive workforce
- Increase shared responsibility for investment, stewardship and accountability

The annual performance report on *Imperatives for Change* is found in Appendix A.

# 2.    Changes in Enrollment and Programs

As of fall 2011, Missouri's public sector of postsecondary education enrolled about 260,000 students, representing a full-time equivalent enrollment of more than 189,000.

Headcount enrollment increased by 4,000 students or 1.6 percent from fall 2010 to fall 2011, and full-time equivalent (FTE) enrollment increased by about 2,300 or 1.2 percent.

FTE enrollment at Missouri's public post-secondary institutions increased by over 14 percent during the past three years. Headcount enrollment increased by nearly 14 percent.

## Headcount Enrollment

| | 2008 | 2009 | 2010 | 2011 | Percent Change 2008-2011 | Percent Change 2010-2011 |
|---|---|---|---|---|---|---|
| **Independent Institutions** | **127,778** | **131,554** | **135,079** | **135,159** | 5.78% | 0.06% |
| Independent (Not-for-Profit) Four-Year | 125,859 | 130,363 | 133,863 | 133,946 | 6.43% | 0.06% |
| Independent (Not-for-Profit) Two-Year | 1,919 | 1,191 | 1,216 | 1,213 | -36.79% | -0.25% |
| **Public Institutions** | **228,922** | **245,170** | **256,525** | **260,524** | 13.80% | 1.56% |
| **Public Four-Year** | 136,531 | 141,158 | 144,555 | 147,073 | 7.72% | 1.74% |
| **Public Two-Year** | 92,391 | 104,012 | 111,970 | 113,451 | 22.79% | 1.32% |
| **Statewide Public & Independent Institutions** | **356,700** | **376,724** | **391,604** | **395,683** | 10.93% | 1.04% |

## Full-Time Equivalent (FTE) Enrollment

| | 2008 | 2009 | 2010 | 2011 | Percent Change 2008-2011 | Percent Change 2010-2011 |
|---|---|---|---|---|---|---|
| **Independent Institutions** | **89,247** | **93,146** | **93,438** | **96,112** | 7.69% | 2.86% |
| Independent (Not-for-Profit) Four-Year | 87,637 | 92,415 | 92,681 | 95,288 | 8.73% | 2.81% |
| Independent (Not-for-Profit) Two-Year | 1,610 | 731 | 757 | 824 | -48.82% | 8.85% |
| **Public Institutions** | **165,498** | **178,690** | **187,460** | **189,731** | 14.64% | 1.21% |
| Public Four-Year | 106,935 | 110,952 | 114,456 | 116,144 | 8.61% | 1.47% |
| Public Two-Year | 58,563 | 67,738 | 73,004 | 73,587 | 25.65% | 0.80% |
| **Statewide Public & Independent Institutions** | **254,745** | **271,836** | **280,898** | **285,843** | 12.21% | 1.76% |

## First-Time Full-Time Degree-Seeking Undergraduate Enrollment

| | 2008 | 2009 | 2010 | 2011 | Percent Change 2008-2011 | Percent Change 2010-2011 |
|---|---|---|---|---|---|---|
| **Independent Institutions** | **10,240** | **10,397** | **10,850** | **11,084** | 8.24% | 2.16% |
| Independent (Not-for-Profit) Four Year | 9,775 | 10,171 | 10,606 | 10,787 | 10.35% | 1.71% |
| Independent (Not-for-Profit) Two-Year | 465 | 226 | 244 | 297 | -36.13% | 21.72% |
| **Public Institutions** | **33,092** | **37,596** | **37,980** | **39,167** | 18.36% | 3.13% |
| Public Four-Year | 19,502 | 19,631 | 20,386 | 20,167 | 3.41% | -1.07% |
| Public Two-Year | 13,590 | 17,965 | 17,594 | 19,000 | 39.81% | 7.99% |
| **Statewide Public & Independent Institutions** | **43,332** | **47,993** | **48,830** | **50,251** | 15.97% | 2.91% |

## Proprietary School Certification and Enrollment

The MDHE oversees operating standards for proprietary schools to ensure students are treated fairly and receive education and training consistent with the published objectives of the schools.

During FY12, program staff renewed the certification of 143 existing institutions, received 103 application requests, certified 18 schools to operate, granted exemption from the certification standards to five schools, and monitored the closing of eight certified schools. These schools provide education and training in more than 2,000 degree and certificate programs.

Most types of proprietary schools certified by the MDHE experienced enrollment growth in 2011. The number of students enrolled in Missouri private career schools increased from 51,922 to 58,519, continuing the trend from the previous year. The number of students enrolled in non-Missouri degree-granting schools (regionally accredited schools offering instruction in Missouri) increased from 8,469 to 12,042 from 2010 to 2011. The number of students enrolled in proprietary distance education institutions declined from 25,414 to 22,090 during the same period. Details regarding enrollment in proprietary schools can be found in Appendix E.

HB 1042, enacted during the 2012 legislative session, contained several statutory revisions to the Proprietary School Certification Program. These changes include an increase to the minimum and maximum certification fee; revision of the fee formula; authorization for the CBHE to establish additional fees in order to generate sufficient funding to meet the costs of program operation; an increase in the maximum amount of the security deposit that a proprietary school must file; authorization for the CBHE to issue a two-year certificate of approval; and establishment of specific time frames for review of new and revised instructional programs.

## Higher Education Institution Program Actions

Detailed information regarding program actions can be found in Appendix F. The following charts summarize the number of programs added, deleted, inactivated, withdrawn and conducted off-site by Missouri public and independent institutions:

### Public Institutions

| Action | Certificate | Associate | Baccalaureate | Graduate | Total |
|---|---|---|---|---|---|
| Deleted | 20 | 7 | 14 | 6 | 47 |
| Inactivated | 1 | 2 | 13 | 2 | 18 |
| Program Changes* | 91 | 36 | 40 | 20 | 187 |
| New | 5 | 19 | 13 | 7 | 44 |
| Off-site | 4 | 6 | 2 | 2 | 14 |
| Programs Withdrawn | 0 | 0 | 0 | 0 | 0 |

* **Includes options inactivated/deleted, options added, titles changed, certificates added, programs combined.**

## Independent Institutions

| Action | Certificate | Associate | Baccalaureate | Graduate | Total |
|---|---|---|---|---|---|
| New | 0 | 0 | 15 | 10 | 25 |
| Off-site | 0 | 0 | 0 | 9 | 9 |

# 3. CBHE Requests, Recommendations and Institutional Compliance

## Governor's Strategic Initiatives

Governor Jeremiah "Jay" Nixon and the MDHE jointly hosted Governor's Summits on Higher Education in August of 2010 and 2011. The summits were attended by college and university presidents and chancellors and representatives of state departments and advocacy groups in Missouri. The governor challenged the higher education community to pursue four goals in critical areas: 1) degree attainment; 2) academic program review; 3) increasing cooperation and collaboration in administrative and academic areas; and 4) performance funding for higher education.

## Degree Attainment

Missouri's Big Goal is to increase the percentage of working age adults with a degree or high quality certificate to 60 percent of the population by 2025. Recent work at the MDHE estimates that the number of adults ages 25 - 64 who hold a postsecondary certificate or degree surpasses 46 percent. Without concerted action to enroll, graduate and certify more citizens, Missouri will fall short of its 60 percent goal by nearly 10 percent. In order to reach the 60 percent goal, Missouri must increase its annual production of degrees and certificates by about 3,000 (more than 3 percent) each year.

Degree and certificate production can only be increased if Missouri improves performance at each stage of student preparation and progress. The MDHE works on multiple fronts to improve student preparation and make postsecondary education more affordable and efficient.

## Academic Program Review Update

Governor Nixon requested the statewide review of academic programs as part of his agenda for higher education in Missouri. In consultation with the chief academic officers of both the two-year and four-year public institutions, MDHE staff conducted the review between October 2010

and January 2011, and delivered the final report to the governor in February. The report contained eight recommendations. The following chart provides a summary of progress made in implementing those recommendations through FY12:

## Programs deleted and moved to inactive to date

| Sector | Programs reviewed | Programs identified for deletion | Programs deleted to date | Programs to be moved to inactive | Programs inactivated to date |
|---|---|---|---|---|---|
| Four-year sector | 390 | 72 | 43 | 8 | |
| Two-year sector | 196 | 46 | 35 | 16 | 9 |
| Total | 556 | 118 | 78 | 24 | |

**Collaboration and Cooperation**

Governor Nixon requested that the MDHE prepare an inventory of existing cooperative and collaborative academic programs in the state in order to encourage efficient program delivery statewide.

The state's public institutions have developed a vibrant inventory of cooperative and collaborative academic programs, including:

- *Missouri Instructional Coalition for Economics*
    - Northwest Missouri State University
    - Southeast Missouri State University
    - University of Central Missouri

- *Collaboration for the Delivery of Foreign Language Instruction*
    - Missouri State University
    - Missouri Western State University
    - Southeast Missouri State University
    - University of Central Missouri

- *The Missouri Learning Commons: Statewide Course Redesign*

    The Missouri Learning Commons is a consortium of all 13 public four-year institutions in the state. In collaboration with the National Center for Academic Transformation, the MLC received a $250,000 grant from the Next Generation Learning Challenges to coordinate the redesign of 13 large-enrollment undergraduate courses using blended learning models to improve student learning, persistence and program completion as well as to reduce instructional costs. Each university has taken the lead in redesigning one of

the high-enrollment undergraduate courses that are common to all institutions. The typical redesigned course will have 40-60 percent of its content delivered online with the remainder of the course delivered face-to-face by faculty.

Each course will meet the needs of the 13 institutions and be available to all four-year universities in Missouri. This will allow institutions to build on the work of others and reduce redundancy of effort.

**Performance Funding**

At the Governor's Summit on Higher Education in August 2011, Governor Nixon directed the Missouri Department of Higher Education to develop a funding formula that would allocate future increases to colleges and universities based on quantitative measures of their performance. The measures were to be based on:

- Student success and progress -- measured by course completion; success in remedial courses; year-to-year retention rates; or transfers from 2-year to 4-year institutions
- Degree attainment -- measured by certificate and degree completion per 100 full-time students; or by certificates and degrees completed per $100,000 of state appropriations and net tuition revenue
- Quality of student learning -- measured by nationally normed assessments of general knowledge and skills, student engagement, or licensure/certification exams
- Affordability -- measured by increases in undergraduate resident tuition
- An institution-specific goal to address an outcome that each school has identified as important, in the context of its mission, location or strategic plan.

The Commissioner of Higher Education appointed a Performance Funding Task Force to develop a performance funding model. The task force arrived at a model that has broad support within the higher education community:

- Consistent with the vision of the governor, FY13 was established as the baseline year for data collection and building support for establishing performance funding, with funding first being requested for the FY14 budget. This year will also be used to continually evaluate the selected measures to ensure that they are reasonable and the associated data is available, valid and reliable.

- All performance measures will be evaluated based on a three-year rolling average with success being defined as improvement over that institution's performance from the previous year, or, when applicable, maintenance of a high level of performance in

relation to a previously established and externally validated threshold. The base year for each measure will itself also represent a three-year average.

- Performance funding will only apply to a portion of new appropriations from the state, and it will not be applied to existing base appropriations. Institutions will have the same complete flexibility regarding spending decisions with the money provided through performance funding as exists with current state appropriations. Furthermore, funding earned through performance in one year will be added to an institution's base the following year. Consequently, the task force recommended that the total funding allocated on the basis of performance will not exceed approximately 2-3 percent of an institution's total state funding in any given year.

- Each institution will use five performance indicators. Therefore, each institution can earn one-fifth of its available increase in funding by demonstrating success on one of its five performance measures. If an institution demonstrates success on two measures, then it would earn two-fifths of the money, etc., while an institution succeeding on all five measures would receive 100 percent of its increase in funding made available.

The CBHE approved the Performance Funding Task Force recommendations in December 2011 and requested Fiscal Year 2014 funding to implement the performance funding model.

## New Initiatives, Policies and Reports

**College Readiness Partnership**

Three national education leadership associations -- the American Association of State Colleges and Universities, the Council of Chief State School Officers, and the State Higher Education Executive Officers -- have formed the College Readiness Partnership to promote broad implementation of new Common Core State Standards in mathematics and English language arts. Missouri was one of seven states selected to work directly with the CRP in moving the initiative forward.

The CRP is supported financially by the Lumina Foundation for Education and the Hewlett Foundation. The CRP's purpose is to promote the broad implementation of Common Core State Standards in mathematics and English Language Arts by achieving three primary objectives:

- Identifying how the Common Core State Standards should be implemented in each participating state in order to actually improve college and career readiness for all students

- Defining how leaders and faculty across K-12 and higher education need to work together to improve both teaching and learning in ways essential to achieving the goal of college and career readiness
- Identifying specific steps that higher education and states must take together in order to make effective implementation a reality. This includes making college and career readiness expectations more transparent to teachers, students and parents, to align curricula, to assess student performance more effectively and to improve teacher preparation and professional development

**Waiver of Tuition and Fees for Foster Care or Residential Care Students**

Legislation passed during the 2009 legislative session directed the Coordinating Board to make provisions for public institutions of higher education to grant a tuition and fee waiver for certain foster care or residential care students taking undergraduate courses at those institutions.

In order to maintain their eligibility to receive a tuition waiver under the program, the student must complete a minimum of one hundred hours of community service or public internship. The MDHE was charged to determine the community service and public internships that students may participate in to meet this requirement. The Coordinating Board adopted the following criteria as appropriate community service and public internship activities:

- Volunteering with a non-profit community service organization
- Community service club activities (not meetings)
- Campus coordinated community service projects include unpaid practica and internships as well as philanthropic activities conducted by student service organizations
- Institutional and community sustainability projects
- Volunteering at a hospital, convalescent home, or orphanage
- Unpaid peer mentoring or tutoring programs, both on- and off-campus
- Weekend campus clean-up, beautification activities
- Helping with a community team such as AYSO soccer or Little League (helping with sports events of younger children, refereeing, etc.)
- Volunteering for Habitat for Humanity, locally or abroad
- Unpaid internships with a local, state or federal agencies

**New Legislation**

The 2012 Missouri legislature passed HB 1042 / SB 455 which were sponsored by Representative Mike Thomson and Senator David Pearce respectively. These bills charged the CBHE to further promote student retention, progression and credential completion in an effort to improve degree completion rates and remove barriers to graduation.

The legislation stipulates that the CBHE will:
- Require all two- and four-year public higher education institutions to identify and use best practices in remediation
- Work with the Committee on Transfer and Articulation to require all two- and four-year public higher education institutions to create by July 1, 2014, a statewide core transfer library of at least 25 lower division courses that are transferable among all public higher education institutions
- Develop a policy to foster reverse transfer
- Maintain the alignment of the statewide assessments for entry-level courses in English, mathematics, foreign languages, science, and social sciences associated with an institution's general education core with previously established competencies
- Include in its annual report campus-level data on student persistence and progress toward implementing revised remediation, transfer and retention practices

The bill also revised the proprietary school certification fee structure and allowed the board to charge and collect fees from out-of-state public institutions for the costs of reviewing and approving programs.

The MDHE has begun the work to implement provisions of the legislation.

**Governing Board Forum**

The Coordinating Board for Higher Education hosted the first-ever Governing Board Forum June 7, 2012, for local governing boards of higher education institutions, institution presidents and chancellors, and representatives from the state departments of Elementary and Secondary Education and Economic Development. A total of 115 participants gathered to discuss issues of mutual importance, learn from state and national leaders, and network among themselves and with other governing board members.

Governor Nixon welcomed guests and signed into law House Bill 1042, passed during the previous legislative session. Nixon said the bill will improve remediation, align curriculum from high school to college, improve course transfer and help students who have received enough credits for an associate's degree to get that credential.

Keynote speaker Rich Novak, senior vice president of the Association of Governing Boards, said higher education is a significant election year issue, warranting the engagement of trustees speaking with a unified voice. To regain global leadership in higher education, states must educate more minority, first generation and low-income students than ever before. Novak told board members that they represent their institutions to the community, and he encouraged them to be accountable, maintain autonomy and be protectors of academic freedom, but above all to do "what is best for the state."

Luncheon speaker Stan Jones, founder of Complete College America, said a college degree is now widely seen as the key to the middle class. The first roadblock to college completion is remediation, which is now required by 60 percent of incoming freshmen, Jones said.

Breakout sessions took up key topics: "Degree Attainment and the Big Goal," "How Will Higher Education be Funded in the Future?" and "Forging New Partnerships: Outcomes for Business, Education and Economic Development."

The forum was sponsored by the Husch Blackwell law firm, the Council on Public Higher Education, the Missouri Community College Association and the Higher Education Partnership.

**College and Career Readiness Task Force**

The Missouri Department of Higher Education formed a statewide Task Force on College and Career Readiness to address the following constellation of issues:

- Adoption and implementation of the Common Core State Standards for grades K-12 by the state of Missouri.
- The decision by the Department of Elementary and Secondary Education (DESE) to join the Smarter Balanced Assessment Consortium (SBAC) to measure student proficiency with the Common Core, and the imminent release of SBAC's definition of "college ready."
- The legislation passed by the General Assembly and signed into law requiring Missouri institutions of higher education to adopt and put into practice "best practices" in remedial education.

The implementation of both the Common Core Standards and the development of assessments by SBAC to measure student proficiency with the new standards is underway and will be fully implemented in 2014.

# 4.   Development and Coordination in Higher Education

## Grants

**Grants Received by MDHE**

<u>Broadband Technology Opportunity Program</u>

The *Pathways to Broadband Access and Technology Education at Missouri's Community Colleges* was awarded to MDHE in Fiscal Year 2011. The project is a partnership between the MDHE and six community colleges to develop public computer centers that facilitate access to broadband technology for vulnerable populations. MDHE staff provides fiscal and programmatic oversight for the following community college partners: Jefferson College, Metropolitan Community College, Mineral Area College, Moberly Area Community College, St. Louis Community College and Three Rivers Community College. The primary goal of this project is to prepare participants, particularly vulnerable populations, to become competent users of broadband technology, giving them the basis to learn new skills for personal enrichment and/or career enhancement.

Since the beginning of 2011, the 23 PCCs have provided nearly 2,500 hours of training to more than 1,000 people in nearly 40 free digital literacy courses.
- Total number of participants trained in digital literacy: 1,098
- Total number of training hours: 2,449
- Total number of courses offered: 36
- Average number of users per week: 4,789

<u>Project Win-Win</u>

*Project Win-Win* is an effort led by the Institute for Higher Education Policy and the Lumina Foundation for Education, working with both community colleges and four-year institutions in Missouri and other select states, to find formerly enrolled college students whose academic records qualify them to be awarded an associate's degree retroactively. Participating institutions will spend significant time on auditing student records for degree eligibility and locating the potential degree completers. For each school, this is a two-year, multipart process involving a detailed examination of institutional data that includes identifying students, matching student records with state system records and other available data, conducting degree audits to determine student eligibility, determining any administrative barriers to degree award for those who are eligible and contacting potential degree earners to help them finish their degrees. The grant was awarded in August 2010.

Assessment of Higher Education Learning Outcomes

The United States is one of several nations and Missouri is one of three states (with Connecticut and Pennsylvania) participating in the *Assessment of Higher Education Learning Outcomes* feasibility study. The study is sponsored by the Organisation for Economic Co-operation and Development, funded by the U.S. Department of Education and administered by the State Higher Education Executive Officers. The project is assessing the general and applied baccalaureate-level learning outcomes of students attending Missouri State University, Truman State University, Missouri Valley College and Webster University.

The U.S. is participating as part of the Generic Skills Strand of AHELO, a major component of the college-level assessment framework under development by OECD since 2007. In this strand, research and testing protocols provided by OECD are being used by the nine American colleges and universities along with a roughly comparable number of institutions in each of six or seven other nations.

Institutions are receiving data and analysis of their students' performance levels relative to other institutions. The three U.S. states as well as all participating nations will gain valuable assessment experience and access to relevant data and analysis. The grant was announced in October 2011.

MHEC Regional Tuning Grant

Lumina Foundation has awarded a grant to the Midwestern Higher Education Compact (MHEC) for a two-year project to work with faculty in Illinois, Indiana and Missouri to "tune" the academic disciplines of psychology and marketing.

Tuning is a process whereby faculty members create shared understandings of subject-specific knowledge and transferable skills that students in specific academic disciplines and professional fields must demonstrate upon completion of a degree program. In the longer term, the process is expected to make clear to all stakeholders what degree holders know, understand and are able to do. Tuning establishes the relevance of higher education programs to workforce demands.

MHEC representatives met with MDHE staff and representatives from the two-year, four-year and independent sectors in September 2011 to discuss the project and solicit Missouri's involvement. MDHE worked with the institutions to identify faculty to participate in the 15-member teams — one in marketing and one in psychology — who will undertake the work.

**Grants Distributed by MDHE**

College Access Challenge Grant

The College Access Challenge Grant was established by Congress as part of the College Cost Reduction and Access Act of 2007 (CFDA 84.378A). The purpose of the grant is to foster partnerships among federal, state and local governments to help low-income middle and high school students enroll and succeed in postsecondary education. In Missouri the funds are used for:

- Financial literacy outreach -- MDHE distributes materials on topics such as: paying for college, sources and types of financial aid, planning academically for postsecondary education, as well as FAFSA completion.

- MDHE CACG Competitive sub-grants -- For FY11, 20 sub-grantees were awarded approximately $1.7 million to help increase the numbers of low-income Missourians who are prepared to enter and succeed in postsecondary education.

- MDHE Student Portal – MDHE created a web-based student portal intended to provide a unified and attractive destination for Missouri students and families. The portal provides a single source of information on a range of subjects, including options for postsecondary education in Missouri, academic preparation while in high school, financial literacy and planning, and guidance concerning eligibility for student financial assistance.

Improving Teacher Quality Grant

Each year the Missouri Department of Higher Education receives approximately $1.2 million in federal funds through Title II, Part A, of the No Child Left Behind Act. These funds are to administer a competitive grant program for partnerships between high-need K-12 school districts and higher education institutions to provide professional development for teachers, administrators, paraprofessionals and pre-service teachers in core academic subjects.

During the past nine cycles, the ITQG program has provided more than 1,800 Missouri teachers and administrators with high quality professional development opportunities that have increased their knowledge and skills in the areas of math and science.

Highlights of the Cycle-10 RFP include:
- Focus on mathematics and science for grades K-12
- Requirement that funded projects administer short- and long-term post-tests to teachers in order to gauge the effectiveness of the professional development activities

- Alignment of professional development project content with national standards (e.g. Common Core State Standards)
- A competitive priority such as the development of data systems competencies; and
- A competitive priority such as the incorporation of environmental education into the content of the project
- Technical assistance workshop

**Other Grants**

Nursing Incentive Grant

In 2011 the General Assembly passed HB 223 and 231, which established the Nursing Incentive Grant program. The State Board of Nursing made $1 million available in order to make grants to eligible institutions of higher education for the purpose of financing investments to expand faculty resources and student capacity in postsecondary nursing education programs. The legislation specifies that the grants may not exceed $150,000 per campus.
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In cooperation with the State Board of Nursing a request for proposals was issued on September 27th and the deadline for applications to be submitted was October 31st. A total of 27 applications were received from a variety of community colleges, public universities and independent institutions.

Grants were awarded to the University of Missouri-St. Louis, Ozarks Technical Community College, Mineral Area College, Cox College, University of Missouri-Columbia, University of Missouri-Kansas City and William Jewell College.

# Ongoing Reports and Initiatives

**English Language Proficiency Report**

Missouri law (Section 170.012, RSMo) requires all graduate students who did not receive both their primary and secondary education in a nation or territory in which English is the primary language be tested for their ability to communicate orally in English in a classroom setting prior to receiving a teaching appointment at a Missouri public institution of higher education. The statute also requires the institutions to provide the Missouri Department of Higher Education (MDHE) with the results of this testing.

The institutions are required to provide data every two years on the total number of GTAs, as well as their native language, the procedures used in selecting the GTAs, and the orientation

programs provided for all GTAs. Systematic reporting on English language proficiency of GTAs began in FY87. Fiscal years 2011 and 2012 data will be reported in Fiscal Year 2014.

## GTA English Language Proficiency Survey Results

|  |  | FY09 | FY10 |
|---|---|---|---|
| 1. | Number of Teaching Assistant (TA) applicants taking an English language proficiency test | 521 | 459 |
| 2. | Number of TA applicants in Question #1 who have utilized any remedial language services that may be available. | 116 | 109 |
| 3. | Number of TA applicants in Question #1 taking an English language proficiency test who <u>did not</u> pass | 114 | 117 |
| 4. | Number of TA applicants in Question #2 who received a graduate teaching assistantship | 79 | 23 |
| 5. | Total number of Teaching Assistantships awarded | 2079 | 2185 |
| 6. | Number of TAs awarded to students who <u>did not</u> receive <u>both</u> primary and secondary education in a nation or territory in which English is the primary language | 453 | 461 |
| 7. | Number of exceptions granted to TAs in Question #6 to receive a teaching assignment during their first semester of enrollment | 22 | 22 |
| 8. | Number of TAs in Question #6 who received a cultural orientation | 267 | 288 |

**Community College Redistricting Report**

The publication in February 2011 of Missouri's latest decennial census figures initiated the redistricting process for the state's community college districts. Redistricting is required if a community college district contains more than 450,000 residents. Four community college districts met this criterion in Fiscal Year 2012. The district's board of trustees forwards to the CBHE a resolution requesting the formation of a redistricting committee. The CBHE and the community college board of trustees each appoint three members who are residents of the district to the committee.

The redistricting plan for Metropolitan Community College was approved by the CBHE at its September meeting. Crowder College is not proposing any changes to its district, so it will not present a plan for approval. The St. Louis Community College redistricting plan was approved

by the CBHE on November 18, 2011, during a CBHE conference call. The Mineral Area College redistricting plan was approved by the CBHE at the December, 2011, meeting.

**Transfer of Guaranty Agency Funds Report**

The Missouri Department of Higher Education acts as a guaranty agency in the Federal Family Education Loan Program. Federal statutes require FFEL Program guaranty agencies to establish and maintain certain funds, one of which is the "Operating Fund." Pursuant to federal statute, the operating fund receives certain activity-based revenues from the federal government that can be used for guaranty agency-related activities and "[o]ther student financial aid-related activities for the benefit of students, as selected by the guaranty agency."

In order to help fill funding gaps in state student financial aid resulting from the state budget crisis, the MDHE transferred a total of $11.5 million from the operating fund to the A+ and Bright Flight programs during Fiscal Year 2012 after receiving authorization from the CBHE. MDHE has carefully analyzed projected operating fund revenues and required expenditures. The resulting conclusion is that no more than $3 million could be transferred from the operating fund during Fiscal Year 2013 without comprising the fund's ability to meet existing responsibilities.

**State Authorization for Distance Education Report**

State authorization for non-Missouri institutions is approved by the MDHE. The Academic Affairs unit authorizes out-of-state public institutions, while the Financial Aid, Outreach and Proprietary Certification unit authorizes out-of-state independent and proprietary institutions.

Out-of-State Public Institutions

Missouri statutes require that out-of-state public institutions be evaluated in the same manner as Missouri public institutions. For distance education, the MDHE requires out-of-state public institutions to affirm in writing that they are accredited by a recognized regional accrediting agency and that they will abide by the CBHE Principles of Good Practice for Distance Learning and Web-Based Courses. In Fiscal Year 2012, MDHE received 120 inquiries, approved 91 requests, with 29 institutional requests pending.

Out-of-State Independent and Proprietary Institutions

Non-Missouri, non-public institutions wishing to deliver instruction in Missouri must seek approval to operate through the proprietary school certification program. The concept of physical presence, which is defined in the rules and regulations that govern this program, is used to establish the jurisdiction of the program. For most distance education providers, approval is not required because their methods of delivery do not establish such a presence; however, the state

authorization requirements established by the U.S. Department of Education mandate that institutions offering distance education possess documentation that they are operating legally in states where their students reside. This requirement has resulted in the submission of a few applications for certification. In most instances, a physical presence is not established and the MDHE is providing the institution with formal notice that the institution is not subject to the oversight requirements. In Fiscal Year 2012, MDHE received 199 inquiries, of which 155 were not subject to MDHE oversight. The remainder are pending.

**Higher Education Subcommittee of the Homeland Security Advisory Council Report**

The Higher Education Subcommittee of the Homeland Security Advisory Council, which is chaired by the commissioner of higher education, advises the Homeland Security Advisory Council on safety initiatives related to higher education in Missouri.

Created in 2007 following the first shootings at Virginia Tech, the mission of the Higher Education Subcommittee of the HES-HSAC is to provide assistance to Missouri colleges and universities in planning, preparing, mitigating and responding to hazards. The need for this work was underscored this past December when a gunman shot and killed a campus police officer and later shot himself on the Virginia Tech campus. Immediately following this incident, the HES-HSAC disseminated information about the shooting to all public and independent institutions of higher education in the state. HES-HSAC also provided resources to help senior leadership prepare for and respond to higher education emergencies (including active shooter scenarios).

The HES-HSAC has identified the following initiatives as priorities: 1) suicide prevention call-to-action; 2) collaboration with community agencies; 3) safety conference preparation.

**International Programs Report**

International education helps Missouri citizens broaden their understanding of other cultures and allows them to be competitive in a global economy. Missouri and other states and nations have made the recruitment of international students a central focus both as a way to generate revenue and to produce a culturally competent global workforce.

Economic Impact

Data show that in 2010-2011 the net economic contribution of international students in Missouri increased to $383 million, up from $336 million in 2009-2010 and $270 million in 2008-2009. According to the Institute of International Education's *2011 Open Doors Report,* Missouri has increased the number of international students studying in Missouri to more than 15,000. This represents a 15 percent increase in the last year, three times the national rate. In addition, the

number of Missouri students studying abroad increased slightly to a total of 5,070 (AY 2009-2010).

In June 2009, international programming professionals and faculty in global education representing all sectors of higher education established the *Study Missouri Consortium.* Other stakeholders, including the U.S. Department of Commerce and the Missouri Department of Economic Development, are active in this initiative.

The mission of the Study Missouri consortium is: *To support and enhance the capacity of member institutions, individually and collectively, to foster international experiences and cross-cultural competence among students, faculty and citizens in Missouri and to facilitate communication, cooperation and expansion of international educational activities and exchanges in the State of Missouri.*

The goals of the consortium are to showcase Missouri as an educational destination for international students and faculty, to increase global opportunities and experiences for Missouri residents, and to contribute to the state's economic competitiveness.

The consortium has sponsored joint recruitment tours of Asia and South America to benefit all 39 member institutions and to promote Missouri as a top higher education destination. Study Missouri also has collaborated with Missouri legislators in the observance of "International Education Day" at the Capitol in 2010, 2011 and 2012. This event annually draws over 400 international students from around the state.

National Association for Foreign Student Advisors

Each year, more than 7,000 international educators attend the annual National Association for Foreign Student Advisors international conference. Study Missouri members have maintained a recruiting booth at this conference, provided tours for EducationUSA Advisors, and hosted receptions to promote Missouri higher education opportunities to international recruiters. This outreach has annually resulted in hundreds of contacts for Missouri institutions, including increased recruiting capabilities, potential faculty partnerships and business partnerships.

Study Missouri was instrumental in bringing the NAFSA Conference back to Missouri. In 2010, it was held in Kansas City, and in 2013 it will be held in St. Louis.

**Student Loan Program Report**

The MDHE has served as a guaranty agency in the Federal Family Education Loan Program since 1979 and is one of 32 guarantors that exist across the nation. As a guarantor, the MDHE assures the lender of a FFELP loan repayment of the loan if the borrower fails to repay the debt.

The Healthcare and Education Affordability Reconciliation Act was signed into law in March 2010 and went into effect July 1, 2010. The act eliminated FFELP and mandated that new federal student loans would be disbursed through the Federal Direct Loan Program. As a result, the MDHE will maintain its $3 billion loan guarantee portfolio but will not guarantee new loans issued from the federal government.

As part of its responsibility as a student loan guarantor, MDHE provided numerous programs to help students who need financial assistance to attend college, including:

- Free publications, online tools and other resources — The MDHE printed and distributed more than 425,000 publications to encourage and assist degree attainment and financial literacy.
- Outreach and training — The MDHE offered free presentations to nearly 20,000 people across Missouri about planning and preparing for college and also conducted workshops for financial aid officers, high school counselors and others concerning federal and state regulations regarding financial aid administration.
- Webcasts and webinars — The MDHE offered free online training to financial aid officers, students and families, reaching almost 150,000 viewers.
- FAFSA Frenzy (a program of College Goal Sunday$^{SM}$) — The MDHE promoted, coordinated and helped deliver statewide events that assisted almost 1,400 students and their families file the federal application necessary to obtain financial aid for college.
- Default prevention grants — The MDHE granted over $690,000 to Missouri post-secondary institutions to assist with student loan default prevention efforts, helping to keep Missouri's student loan default rate significantly lower than the national average.

**Committee on Curriculum and Assessment Report**

The Committee on Curriculum and Assessment was established in June 2011 to ensure the necessary collaboration between all sectors of higher education involved in alignment and assessment issues as stipulated in Senate Bill 389.

The CCA is a permanent advisory entity created by merging the Curriculum Alignment Initiative and the Learning Assessment in Missouri Postsecondary Education initiatives. One charge for the CCA is to establish assessment methods to evaluate student proficiency in the exit-level competencies for specified general education courses developed as part of the CAI. The CCA has determined that the best approach for addressing this charge is through the English Composition Pilot Project, a single-subject feasibility study aimed at developing a methodology that can be adapted to assess learning outcomes in other disciplines at institutions across the state.

This study seeks to measure student-learning outcomes in college-level general education courses using a common statewide assessment tool. The CCA selected the Freshman Composition Sequence for this project. The pilot will develop a common rubric that assesses student proficiency in meeting the learning outcomes embedded in the exit-level competencies. The results of this pilot project should give institutions an opportunity to compare their students' performance to the performance of students at other Missouri institutions. This approach can guide improvement efforts on individual campuses based on uniform assessments.

**Dual Credit Summary Report**

In December 2011, the MDHE submitted the 2011 Dual Credit Summary Report to the CBHE. The report assessed how well institutions were complying with the Dual Credit Policy and made six recommendations for improvement:

- Improve depth of compliance
- Seek NACEP accreditation
- Review policy in context of early college programs
- Address recurring concerns
- Develop instrument for annual reporting
- Make out-of-state institutions accountable

The MDHE formed a Dual Credit Workgroup to assist in implementing the recommendations from the Summary Report, beginning with the development of an instrument for annual reporting. The MDHE determined that implementing the annual reporting tool was the first priority.

## 5. Fiscal Year 2014 Institutional Core Budget Request

**Higher Education Institutions' FY14 Budget**
**Staff Recommendation**

| Institution | FY13 Funding | | | FY13 Expenditure Restriction | | | FY14 Core Reduction | FY14 Core Request |
|---|---|---|---|---|---|---|---|---|
| | Core TAFP | Equity Funding | 10% of Equity Funding | 1% of Core TAFP | FY 13 Available | | | |
| Community Colleges | $ 130,815,295 | $ - | $ - | $ (1,308,153) | $ 129,507,142 | $ (1,308,153) | $ 129,507,142 |
| Linn State Technical College | $ 4,616,807 | $ - | $ - | $ (46,168) | $ 4,570,639 | $ (46,168) | $ 4,570,639 |
| University of Central Missouri | $ 52,611,033 | $ 580,377 | $ (58,038) | $ (526,110) | $ 52,607,262 | $ (584,148) | $ 52,607,262 |
| Southeast Missouri State University | $ 42,886,095 | $ 885,969 | $ (88,597) | $ (428,861) | $ 43,254,606 | $ (517,458) | $ 43,254,606 |
| Missouri State University | $ 79,342,892 | $ - | $ - | $ (793,429) | $ 78,549,463 | $ (793,429) | $ 78,549,463 |
| Lincoln University | $ 17,438,672 | $ 49,663 | $ (4,966) | $ (174,387) | $ 17,308,982 | $ (179,353) | $ 17,308,982 |
| Truman State University | $ 39,814,175 | $ 105,435 | $ (10,544) | $ (398,142) | $ 39,510,924 | $ (408,686) | $ 39,510,924 |
| Northwest Missouri State University | $ 29,179,857 | $ 515,476 | $ (51,548) | $ (291,799) | $ 29,351,986 | $ (343,347) | $ 29,351,986 |
| Missouri Southern State University | $ 22,566,335 | $ 346,521 | $ (34,652) | $ (225,663) | $ 22,652,541 | $ (260,315) | $ 22,652,541 |
| Missouri Western State University | $ 20,795,378 | $ 516,559 | $ (51,656) | $ (207,954) | $ 21,052,327 | $ (259,610) | $ 21,052,327 |
| Harris-Stowe State University | $ 9,588,701 | $ - | $ - | $ (95,887) | $ 9,492,814 | $ (95,887) | $ 9,492,814 |
| University of Missouri | $ 398,000,626 | $ - | $ - | $ (3,980,006) | $ 394,020,620 | $ (3,980,006) | $ 394,020,620 |
| Subtotals | $847,655,866 | $ 3,000,000 | $ (300,001) | $ (8,476,559) | $ 841,879,306 | $ (8,776,560) | $ 841,879,306 |

## 6. Campus Level Data on Student Persistence and Progress on HB 1042

In June 2012, Governor Nixon signed House Bill 1042 into law. A provision of the new law is to include the following information in the MDHE Annual Report:

- Institutional level data on student persistence
- Progress on the implementation of best practices in developmental education
- Progress on the implementation of a statewide core transfer library
- Progress on the implementation of reverse transfer

This new section of the Annual Report summarizes the work already underway when HB 1042 became law and steps toward its implementation taken in Fiscal Year 2012.

**Institutional Level Data on Student Persistence Fiscal Year 2011**

## 2-Year Institutions

| Sector / Institution | Initial First-time Full-time Degree-Seeking Cohort | Enrolled Subsequent Fall |
|---|---|---|
| **Crowder College** | 1,533 | 39.92% |
| **East Central College** | 782 | 44.76% |
| **Jefferson College** | 1,155 | 44.42% |
| **KC Metro - Blue River** | 539 | 41.00% |
| **KC Metro - Business and Technology Center** | 94 | 23.40% |
| **KC Metro - Longview** | 1,007 | 39.13% |
| **KC Metro - Maple Woods** | 763 | 42.46% |
| **KC Metro - Penn Valley** | 432 | 41.44% |
| **Linn State Technical College** | 478 | 16.32% |
| **Mineral Area College** | 842 | 44.77% |
| **Missouri State University - West Plains** | 523 | 35.76% |
| **Moberly Area Community College** | 893 | 37.51% |
| **North Central Missouri College** | 332 | 43.67% |
| **Ozarks Technical Community College** | 2,391 | 41.87% |
| **SLCC - Florissant Valley** | 864 | 39.35% |
| **SLCC - Forest Park** | 650 | 35.38% |
| **SLCC - Meramec** | 1,417 | 49.96% |
| **SLCC - Wildwood** | 160 | 59.38% |
| **St. Charles Community College** | 1,467 | 49.15% |
| **State Fair Community College** | 902 | 43.13% |
| **Three Rivers Community College** | 739 | 33.56% |

## 4-Year Institutions

| Sector / Institution | Initial First-time Full-time Degree-Seeking Cohort | Enrolled Subsequent Fall |
|---|---|---|
| Harris Stowe State University | 390 | 41.79% |
| Lincoln University | 704 | 45.60% |
| Missouri Southern State University | 814 | 53.19% |
| Missouri State University | 2,627 | 78.38% |
| Missouri Univ. of Science and Tech | 1,104 | 87.05% |
| Missouri Western State University | 1,004 | 55.18% |
| Northwest Missouri State University | 1,551 | 69.89% |
| Southeast Missouri State University | 1,644 | 71.17% |
| Truman State University | 1,339 | 88.20% |
| University of Central Missouri | 1,479 | 75.05% |
| University of Missouri-Columbia | 5,497 | 85.28% |
| University of Missouri-Kansas City | 979 | 75.18% |
| University of Missouri-St. Louis | 492 | 76.02% |

**Best Practices in Developmental Education**

The MDHE commissioned an overview of developmental education, including a literature review, from MPR Associates of Washington, D.C.  Additionally, several members of MDHE staff conducted a survey to assess the current state of developmental education in the state among both public and independent institutions. The survey will help the department understand how each institution delivers developmental education, how many students it serves, and how successfully it moves students to credit-bearing courses. The survey data and findings will guide the next phase of the initiative, which will develop policy based on "best practices."

The MDHE relies on the guidance and expertise of existing committees and organizations, such as the Taskforce on College and Career Readiness and the Missouri Developmental Education Consortium (MoDEC). Additionally, the department has accepted an offer of assistance and expert consultation from Complete College America, which will likely take the form of a statewide workshop.

**Statewide Core Transfer Library**

Work on Statewide Core Transfer Library has begun. Several MDHE staff members are conducting a desk audit of courses accepted in transfer by all public institutions, using as a starting point research previously done by the University of Missouri System. Once this review is completed, MDHE staff will share the findings with a task force comprised of registrars and other appropriate campus representatives. The primary objective is to identify courses that all public institutions and participating independent institutions accept in transfer. Based on previous research, there are a number of courses already accepted in transfer among all institutions.

**Reverse Transfer**

Educational stakeholders in Missouri have been actively promoting institutional collaboration and transfer pathways for more than a decade. The authorization of HB 1042 provides a framework to connect and build on existing agreements to create a uniform system of statewide reverse transfer.

MDHE staff has been carefully planning the Missouri Reverse Transfer Initiative (MRTI), an ambitious project involving all of Missouri's public institutions and (currently) eight independent institutions. The MRTI will build on the numerous institution-to-institution agreements currently in effect or under development to create an integrated statewide system for reverse transfer that effectively will cover most early transfer students in Missouri.

In June 2012, the MDHE applied to the Lumina and Kresge foundations for a grant to support the state's work on reverse transfer; the two-year $500,000 grant was awarded in September 2012. Prior to submitting the proposal, the department conducted a preliminary needs assessment for all Missouri public two-year and public four-year institutions regarding reverse transfer.

Currently, 15 reverse transfer agreements exist between a single two-year institution and a single four-year institution, both public and independent. These regional agreements are the building blocks for developing a statewide transfer system, the logical first step in Missouri's scale-up efforts. The primary objective of the MRTI is to develop a system whereby each four-year public institution and participating independent institutions can transfer student credits back to any public two-year institution.

# APPENDIX A:

## IMPERATIVES FOR CHANGE PERFORMANCE REPORT

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# IMPERATIVES FOR CHANGE 2012 PERFORMANCE REPORT

## Statewide Progress on Higher Education Goals

*Imperatives for Change* is Missouri's comprehensive plan for higher education. Progress toward achieving its three strategic goals is graphically illustrated in the dashboard below.

## EDUCATIONAL ATTAINMENT

### Preparation

36 percent of recent Missouri high school graduates must take remedial coursework and are unprepared for college level classes; this is slightly lower but relatively unchanged from the previous two years.

### Participation

More than 68 percent of recent Missouri high school graduates enroll in post-secondary education following graduation; this is relatively unchanged from the previous year.

### Persistence

More than 69 percent of full-time freshmen students re-enroll at the same institution; this is slightly lower than the last several years which have had rates above 70 percent.

### Completion

55 percent of 4-year university students graduated with a degree within 6 years; this is slightly lower but relatively unchanged from the previous year. 47 percent of 2-year college students graduate or transfer within 3 years; this is significantly higher than last year's rate of 44 percent.

### Affordability

State support for higher education declined 7 percent in 2011-2012. Meanwhile, public colleges and universities are holding tuition increases below the national average, 10 percent to 25 percent over the past 5 years.

## Credential Production

**Missouri institutions produced nearly 102,000 degrees and certificates in FY 2011, a 26 percent increase since FY 2006.**

## Academic Progression

**The percent of full-time degree seeking students who complete at least 24 credit hours within three semesters fell at two year institutions from 47 percent for fall 2009 to 39 percent for fall 2010. However, at 4-year institutions this rate remained at 82 percent.**

# IMPACT ON THE ECONOMY

## Meeting Workforce Needs

**The number of graduates working in Missouri within one year of completing college increased by 1,000, an increase of 4 percent in one year.**

## Scores on Professional Licensure Exams

**In 2011, 70 percent of licensure examinations for jobs in teaching, STEM or healthcare professional were scored as passing, down from 72 percent in 2010.**

*In the context of this report, for nationally normed examinations, passing means scoring at or above the 50th percentile of test-takers.*

# INVESTMENT IN THE FUTURE

## State Appropriations

**In FY 2012, the state ranked 43rd in the country in appropriations for higher education per $1,000 of personal income, and 44th in per capita support for higher education.**

## Research

**In FY 2010, Missouri institutions spent more than $779 million on research funded by outside sources such as foundations and corporations. This amount reflects a nearly 7 percent increase from the previous fiscal year.**
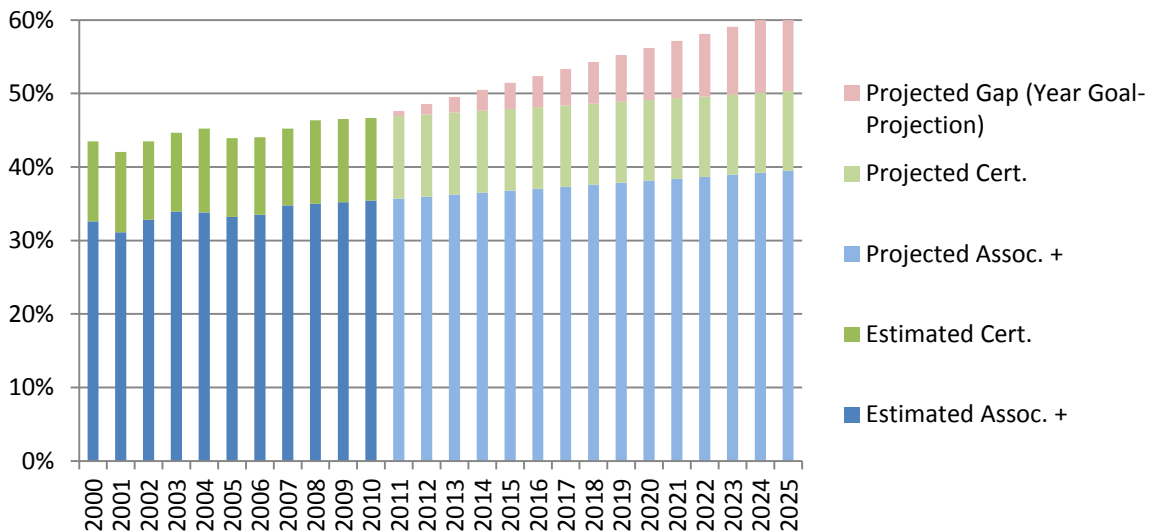
# EDUCATIONAL ATTAINMENT

*Missouri's Big Goal is to increase the percentage of working age adults with a degree or high quality certificate from 46 percent to 60 percent of the population by 2025.*

"Education and training of Missouri's workforce needs to be the centerpiece of new economic policy to drive a more advanced and sophisticated workforce," according to the Missouri Economic Research and Information Center.[i]  Recent work at the Missouri Department of Higher Education estimates that the number of Missourians ages 25 - 64 who hold a postsecondary certificate or higher surpasses 46 percent. But without concerted action to enroll, graduate and certify more citizens, Missouri will still fall short of its 60 percent goal by nearly 10 percent. In order to reach the 60 percent goal, Missouri must increase its annual production of degrees and certificates by about 3,000 (more than 3 percent) each year.

**Educational Attainment in Missouri**



Legend:
- Projected Gap (Year Goal-Projection)
- Projected Cert.
- Projected Assoc. +
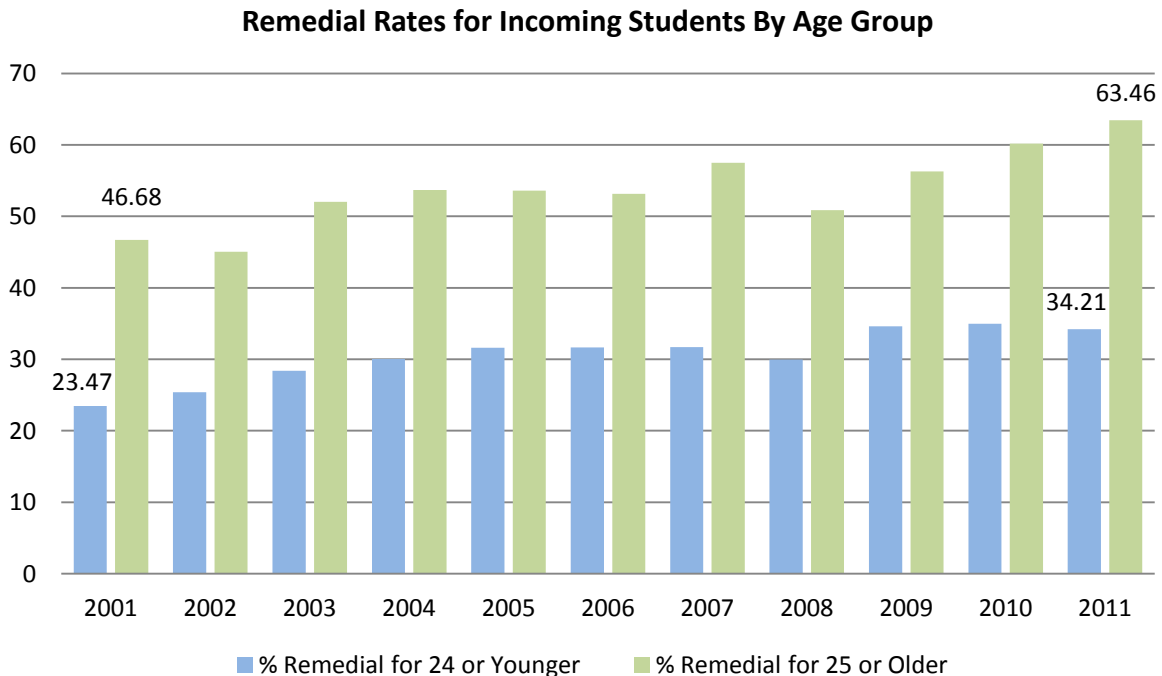- Estimated Cert.
- Estimated Assoc. +

Degree and certificate production can only be increased if Missouri improves performance at each stage of student preparation and progress. In 2012, more than 68 percent of high school graduates in Missouri indicated they would enroll in postsecondary education within 6 months of graduation.[ii] This rate remains virtually unchanged from 2011. Similarly, persistence rates of first-time, full-time students at Missouri institutions also remain flat, with 70 percent of students enrolling at the same institution for the subsequent fall semester.[iii] In addition, graduation rates
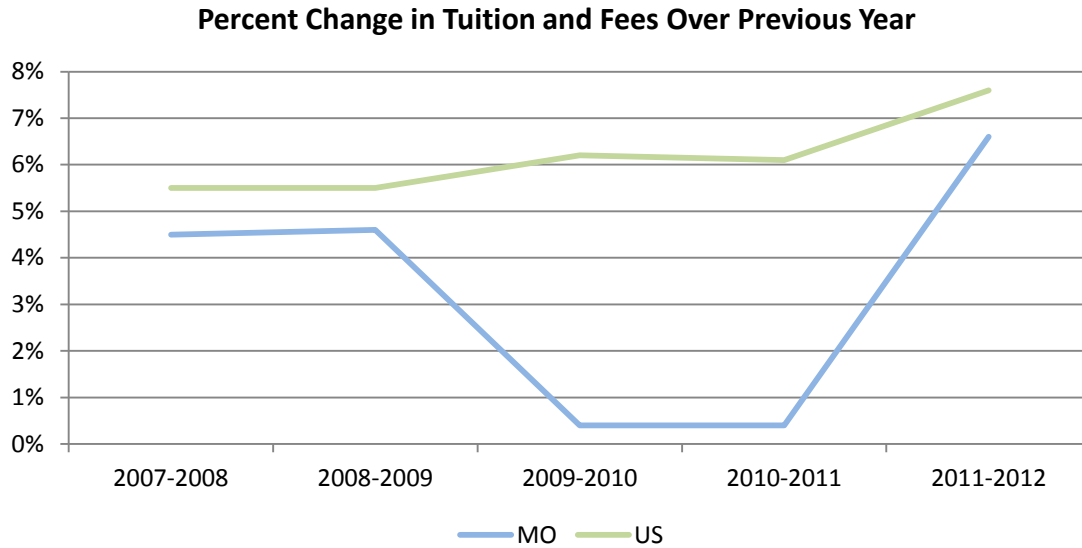
have dipped slightly over the previous year, meaning fewer Missouri students are obtaining degrees on time.[iv]

Of special concern is the need for remedial / developmental education before entering students can do college-level work. In the fall of 2011, 34 percent of first-time students younger than 25 who enrolled in a public college or university required remediation. Among students who start college at age 25 or older, the rate rises to 63 percent. The Missouri Department of Higher Education, secondary schools, colleges and universities are exploring better ways to prepare students to do college-level work. Implementation of the Common Core State Standards in 2014 is expected to improve student preparation at the secondary level. Colleges and universities are using best practices in remedial education to improve outcomes for students. These include embedding academic help in for-credit courses and strengthening support in gateway courses.

**Remedial Rates for Incoming Students By Age Group**



Affordability also contributes to students' chances of completing a degree. Studies show a correlation between the amount of unmet need and the probability of dropping out of college. In order to keep college costs affordable, Missouri enacted legislation in 2008 to tie the increases in tuition and fees charged at public universities to inflation. A tuition freeze negotiated by Gov. Nixon in 2009 – 2011 held tuition flat for two years. Consequently, tuition and fees at Missouri postsecondary institutions have increased by approximately 10 percent over the past five years, compared to more than 25 percent nationwide.

**Percent Change in Tuition and Fees Over Previous Year**



Financial aid increases the odds of persisting for those with lower incomes.[v] Targeted, effective financial aid works in concert with cost control to open college doors to first generation and economically disadvantaged groups. The last time the state's need-based student aid program, Access Missouri, was fully funded was in 2008-09. In 2009-10, program funding levels were set at 78 percent of the statutory maximums, and in 2011-12, funding fell to 48 percent of the maximums, resulting in a reduction of more than $1,000 to the average award. Access funding rebounded by three percent in the 2012-13 academic year.

Bright Flight, the state's scholarship fund for high-achieving students, also declined during the economic downturn but increased from $1,750 to $2,000 this year.

The A+ scholarship program covers the cost of tuition and academic fees for two years at community colleges and technical schools for students from A+-designated high schools who meet academic, conduct and attendance standards and perform 50 hours of tutoring or mentoring service. Funding for the A+ program increased from $23 million to $29 million and the number of students served grew from 10,805 to 11,587.

A recent academic study reveals that state appropriations for higher education are strongly related to a state's baccalaureate degree production. Specifically, by investing 10 percent more in per capita appropriations, the state can produce 21,000 additional bachelor's degrees by 2025.[vi]
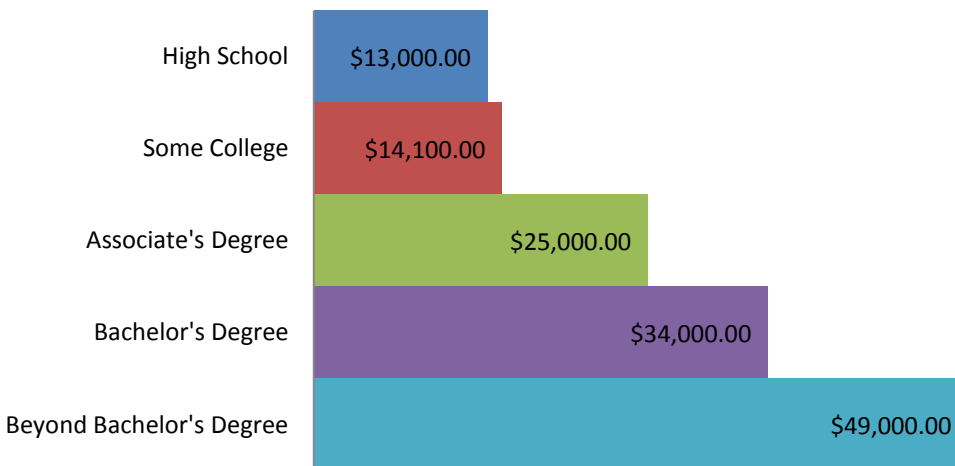
# IMPACT ON THE ECONOMY

*A higher percentage of college graduates in the workforce has been shown to lift the wages of all workers, not just those with degrees.[vii]*

Higher education increases the value of Missouri's human capital. According to the Bureau of Labor Statistics, the 2011 unemployment rate among adults with a bachelor's degree was 4.9 percent, while the average unemployment rate across all education levels was 7.6 percent.[viii] Additionally, research suggests that a bachelor's degree nets about $800,000 more in lifetime earnings compared to those with just a high school diploma.[ix] The typical university graduate also spends more than the average high school graduate, and pays roughly 38 percent more in sales taxes.[x]

In Missouri, the 2010 unemployment rates for individuals with some college education is just over 8 percent, and drops to just over 3 percent for individuals with a bachelor's degree or higher.[xi] However, individuals with a high school diploma are experiencing unemployment rates as high as 11 percent.

In addition, the median earnings for these groups in Missouri show clear benefits for postsecondary education. Among adults between the ages of 18 to 65, the median annual salary for a person with a high school diploma, some college education and a bachelor's degree or higher are $13,000, $14,100 and $34,000, respectively.
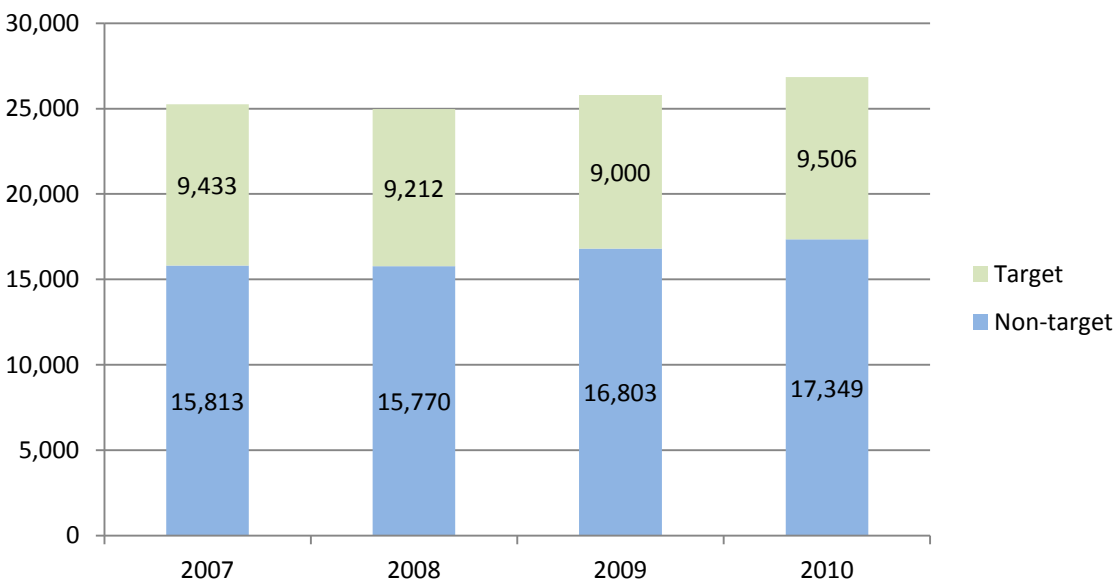
**Median salary for Missouri adults, ages 18-65**

| | |
|---|---|
| High School | $13,000.00 |
| Some College | $14,100.00 |
| Associate's Degree | $25,000.00 |
| Bachelor's Degree | $34,000.00 |
| Beyond Bachelor's Degree | $49,000.00 |

Economic growth in targeted industries may mitigate statewide unemployment. The Missouri Department of Economic Development has identified eight targeted industries based on a variety of measures, such as industry strength and future growth potential. The targeted industries are advanced manufacturing, energy solutions, biosciences, health care sciences and services, information technology, financial and professional services, and transportation and logistics. Understanding and strengthening these targeted industries will benefit Missouri's economy.

One method to strengthen these industries in Missouri is to increase the supply of skilled workers. Among 2010 graduates, 27,000 were found working in Missouri one year after graduation; more than one third were found working in targeted industries. Graduates from 2010 earned $730 million and contributed more than $51 million in state income taxes in 2011. Compared to Missouri's overall workers, recent graduates employed in a targeted industry earned $8,000 more in annual income. The number of recent graduates who were found working in Missouri has increased six percent over the past four years.

**Recent Graduates Found Working in Missouri within One Year**



Higher education institutions also contribute to the economy through research and business development efforts. The University of Missouri's four campuses, for example, are among the top 25 percent of universities in licensing revenue — $7.76 million — generated from research-developed intellectual property.[xii] By dedicating significant resources to research and development efforts, higher education helps move all levels of the economy forward.
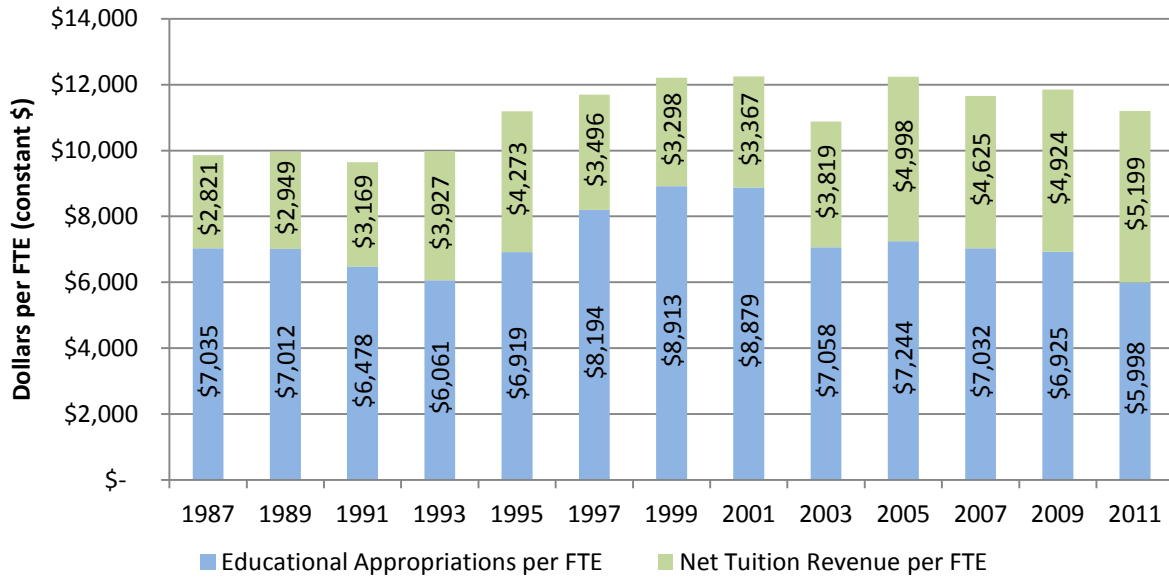
# INVESTMENT IN THE FUTURE

## *State and local fiscal benefits amount to more than twice the amount state and local governments spend for every degree earned from public colleges*

Higher education is a good investment. Researchers estimate that those with a bachelor's degree pay roughly 2.5 times as much state income tax and 3.3 times as much federal income tax compared to the average high school graduate.[xiii] Overall, state and local fiscal benefits, such as reduced welfare expenditures and higher income taxes, amount to almost 2.4 times what state and local governments in the U.S. spend for every degree earned from public colleges. Conservatively, public funding of higher education has about a 3.1 percent average rate of return to state and local governments. [xiv]

Yet state subsidies for public higher education in Missouri have fallen considerably over the past decade. In FY 2012 alone, state support for higher education in Missouri decreased by more than 7 percent. Additionally, according to the State Higher Education Executive Officers Association tabulations of comparative state fiscal support for higher education, between FY 2007 and FY 2012 Missouri decreased state support of higher education five percent, higher than the approximately 4 percent drop nationwide.[xv] Missouri ranks 24th among the 50 states in changes to state support for higher education over the past five years.

**Educational Appropriations and Total Educational Revenue per FTE
Fiscal Years 1987 - 2011**

Y-axis: Dollars per FTE (constant $)

| Year | Educational Appropriations per FTE | Net Tuition Revenue per FTE |
|------|-----------------------------------|-----------------------------|
| 1987 | $7,035 | $2,821 |
| 1989 | $7,012 | $2,949 |
| 1991 | $6,478 | $3,169 |
| 1993 | $6,061 | $3,927 |
| 1995 | $6,919 | $4,273 |
| 1997 | $8,194 | $3,496 |
| 1999 | $8,913 | $3,298 |
| 2001 | $8,879 | $3,367 |
| 2003 | $7,058 | $3,819 |
| 2005 | $7,244 | $4,998 |
| 2007 | $7,032 | $4,625 |
| 2009 | $6,925 | $4,924 |
| 2011 | $5,998 | $5,199 |

Legend: ■ Educational Appropriations per FTE   ■ Net Tuition Revenue per FTE

Source: SHEEO

Continuing to invest in higher education can pay dividends far down the road for Missouri's economy. In 2011, Missouri was ranked 33rd by Beacon Hill in state competitiveness, down from the previous year's rank of 30.[xvi] Despite the drop in ranking, some of the advantages for Missouri cited in the study include the percentage of the population enrolled in degree-granting institutions, academic science and engineering research and development, and the presence of scientists and engineers in the labor force. Support for higher education is an effective tool for maintaining and improving Missouri's economy and ability to compete for business and industry.

[i] Missouri State of the Workforce Report: 2011 http://www.missourieconomy.org/pdfs/sowfr_2011.pdf

[ii] Missouri Department of Elementary and Secondary Education High School Graduates 180-day Follow-up https://mcds.dese.mo.gov/quickfacts/District%20and%20Building%20Graduation%20and%20Dropout%20Indic/Building%20Graduate%20Analysis.xls

[iii] IPEDS Fall Enrollment 2010. Accessed online: http://nces.ed.gov/ipeds/datacenter/

[iv] IPEDS Graduation Rates. Accessed online: http://nces.ed.gov/ipeds/datacenter/

[v] Serge Herzog, "Measuring Determinants of Student Return vs. Dropout/Stopout vs. Transfer: A First-to-Second Year Analysis of New Freshmen," *Research in Higher Education* 46, no. 8 (December 2005): 901.

[vi] Marvin A. Titus, "The Production of Bachelor's Degrees and Financial Aspects of State Higher Education Policy: A Dynamic Analysis," *The Journal of Higher* Education 80, no. 4 (July/August 2009): 456.

[vii] *Education Pays: The Benefits of Higher Education for Individuals and Society; 2007*

[viii] *Education Pays…* (Bureau of Labor Statistics, 2011, accessed 12 August 2011); available from http://www.bls.gov/emp/ep_chart_001.htm

[ix] Sandy Baum and Jennifer Ma, *Education Pays: The Benefits of Higher Education for Individuals and Society* (CollegeBoard, 2007, accessed 22 August 2011); available from http://www.collegeboard.com/prod_downloads/about/news_info/cbsenior/yr2007/ed-pays-2007.pdf, 10.

[x] Phillip A. Trostel, "The Fiscal Impacts of College Attainment," *Research in Higher Education* 51, no. 3 (May 2010): 231.

[xi] *Missouri Unemployment Rates and Earnings by Education* (Missouri Economic Research and Information Center, 2010, accessed 12 October 2012); available from http://www.missourieconomy.org/occupations/education_pays_2010.html

[xii] Based on a 2011 report from the Association of University Technology Managers

[xiii] Trostel, "The Fiscal Impacts of College Attainment," 231.

[xiv] Ibid., 242.

[xv] *Grapevine, Table 1* (Illinois State University, 2011, accessed 12 August 2011); available at http://grapevine.illinoisstate.edu/tables/index.htm

[xvi] Eleventh Annual State Competitiveness Report. Beacon Hill. http://www.beaconhill.org/Compete11/Compete2011.pdf

# APPENDIX B:

## ENROLLMENT AT PUBLIC INSTITUTIONS

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## Total Headcount Enrollment at Public Four-Year Institutions

| | 2008 | 2009 | 2010 | 2011 | Percent Change 2008-2011 | Percent Change 2010-2011 |
|---|---|---|---|---|---|---|
| **Harris-Stowe State** | 1,854 | 1,886 | 1,716 | 1,584 | -14.56% | -7.69% |
| **Lincoln** | 3,109 | 3,309 | 3,349 | 3,388 | 8.97% | 1.16% |
| **Missouri Southern** | 5,264 | 5,702 | 5,802 | 5,591 | 6.21% | -3.64% |
| **Missouri State** | 19,490 | 20,348 | 20,411 | 20,274 | 4.02% | -0.67% |
| **Missouri Un. of S&T** | 6,367 | 6,811 | 7,205 | 7,520 | 18.11% | 4.37% |
| **Missouri Western** | 5,508 | 5,704 | 6,099 | 6,259 | 13.63% | 2.62% |
| **Northwest** | 6,897 | 7,073 | 7,138 | 7,222 | 4.71% | 1.18% |
| **Southeast** | 10,766 | 10,809 | 11,067 | 11,456 | 6.41% | 3.51% |
| **Truman State** | 5,862 | 5,762 | 6,032 | 6,098 | 4.03% | 1.09% |
| **Central Missouri** | 11,062 | 11,187 | 11,345 | 11,637 | 5.20% | 2.57% |
| **UM-Columbia** | 30,130 | 31,237 | 32,341 | 33,762 | 12.05% | 4.39% |
| **UM-Kansas City** | 14,481 | 14,799 | 15,259 | 15,473 | 6.85% | 1.40% |
| **UM-St Louis** | 15,741 | 16,531 | 16,791 | 16,809 | 6.78% | 0.11% |
| **Public Four-Year** | **136,531** | **141,158** | **144,555** | **147,073** | **7.72%** | **1.74%** |

## Total Headcount Enrollment at Public Two-Year Institutions

| | 2008 | 2009 | 2010 | 2011 | Percent Change 2008-2011 | Percent Change 2010-2011 |
|---|---|---|---|---|---|---|
| Crowder | 3,701 | 4,495 | 5,228 | 5,408 | 46.12% | 3.44% |
| East Central | 3,591 | 4,203 | 4,471 | 4,127 | 14.93% | -7.69% |
| Jefferson | 5,145 | 5,788 | 6,192 | 6,007 | 16.75% | -2.99% |
| Linn State Technical | 973 | 1,142 | 1,176 | 1,168 | 20.04% | -0.68% |
| Metro. CC | 18,254 | 19,487 | 21,095 | 21,247 | 16.40% | 0.72% |
| Mineral Area | 3,245 | 3,671 | 3,958 | 4,035 | 24.35% | 1.95% |
| Missouri State University-West Plains | 1,825 | 2,150 | 2,219 | 2,129 | 16.66% | -4.06% |
| Moberly Area | 3,971 | 4,945 | 5,440 | 5,659 | 42.51% | 4.03% |
| North Central | 1,520 | 1,638 | 1,832 | 1,783 | 17.30% | -2.67% |
| Ozarks Technical | 11,109 | 12,880 | 13,901 | 15,177 | 36.62% | 9.18% |
| St Charles | 7,334 | 7,814 | 8,202 | 8,174 | 11.45% | -0.34% |
| St. Louis CC | 25,106 | 27,939 | 29,707 | 29,230 | 16.43% | -1.61% |
| State Fair | 3,504 | 4,263 | 4,819 | 5,073 | 44.78% | 5.27% |
| Three Rivers | 3,113 | 3,527 | 3,730 | 4,234 | 36.01% | 13.51% |
| **Public Two-Year** | **92,391** | **103,942** | **111,970** | **113,451** | **22.79%** | **1.32%** |

# APPENDIX C:

## ENROLLMENT AT INDEPENDENT INSTITUTIONS

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## Total Headcount Enrollment at Not-for-Profit Independent Institutions

| | 2008 | 2009 | 2010 | 2011 | Percent Change 2008-2011 | Percent Change 2010-2011 |
|---|---|---|---|---|---|---|
| Avila University | 1,939 | 1,893 | 1,876 | 1,818 | -6.24% | -3.09% |
| College of the Ozarks | 1,346 | 1,353 | 1,380 | 1,388 | 3.12% | 0.58% |
| Columbia | 14,081 | 15,570 | 17,008 | 18,137 | 28.80% | 6.64% |
| Culver-Stockton | 810 | 754 | 771 | 752 | -7.16% | -2.46% |
| Drury University | 5,124 | 5,489 | 5,573 | 5,324 | 3.90% | -4.47% |
| Evangel University | 1,911 | 1,955 | 2,072 | 2,168 | 13.45% | 4.63% |
| Fontbonne University | 2,967 | 2,863 | 2,532 | 2,293 | -22.72% | -9.44% |
| Hannibal-Lagrange | 1,127 | 1,042 | 1,191 | 1,127 | 0.0% | -5.37% |
| Lindenwood | 10,085 | 10,413 | 11,345 | 11,142 | 10.48% | -1.79% |
| Maryville | 2,922 | 3,534 | 3,676 | 3,846 | 31.62% | 4.62% |
| Missouri Baptist | 4,547 | 4,765 | 4,949 | 5,186 | 14.05% | 4.49% |
| Missouri Valley | 1,727 | 1,789 | 1,793 | 1,766 | 2.26% | -1.51% |
| Park University | 12,457 | 12,775 | 12,022 | 11,759 | -5.60% | -2.19% |
| Rockhurst University | 3,086 | 3,029 | 2,895 | 2,801 | -9.24% | -3.25% |
| Saint Louis University | 16,086 | 16,317 | 17,709 | 17,859 | 11.02% | 0.85% |
| Southwest Baptist | 3,648 | 3,788 | 3,653 | 3,614 | -0.93% | -1.07% |
| Stephens College | 1,147 | 1,231 | 1,125 | 1,032 | -10.03% | -8.27% |
| Washington University | 13,339 | 13,575 | 13,820 | 13,908 | 4.27% | 0.64% |
| Webster University | 19,154 | 19,372 | 19,342 | 18,901 | -1.32% | -2.28% |
| Westminster College | 1,000 | 1,087 | 1,151 | 1,116 | 11.60% | -3.04% |
| William Jewell College | 1,210 | 1,083 | 1,060 | 1,060 | -12.40% | 0.0% |
| William Woods University | 2,324 | 2,455 | 2,264 | 2,054 | -11.62% | -9.28% |
| Central Methodist University-CLAS | 1,055 | 1,097 | 1,176 | 1,172 | 11.09% | -0.34% |
| Central Methodist University-GRES | 2,767 | 3,134 | 3,480 | 4,011 | 44.96% | 15.26% |
| **Independent (Not-for-Profit) Four-Year** | **125,859** | **130,363** | **133,863** | **134,234** | **6.65%** | **0.28%** |
| Cottey College | 331 | 309 | 307 | 323 | -2.42% | 5.21% |
| Wentworth | 1,588 | 882 | 909 | 890 | -43.95% | -2.09% |
| **Independent (Not-for-Profit) Two-Year** | **1,919** | **1,191** | **1,216** | **1,213** | **-36.79%** | **-0.25%** |
| | | | | | | |
| **Total Independent** | **127,778** | **131,508** | **135,079** | **137,213** | **7.38%** | **1.58%** |

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# APPENDIX D:

## STATE STUDENT FINANCIAL AID PROGRAMS

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*Missouri Department of Higher Education Student Aid Programs*

## Student Aid Disbursed FY 2012

| Program | Number of Students | Dollar Amounts |
|---|---:|---:|
| A+ Scholarship | 11,587 | $25,987,720 |
| Access Missouri Grant | 56,903 | $59,585,406 |
| Advanced Placement Incentive Grant | 59 | $29,500 |
| Bright Flight Scholarship | 6,534 | $10,856,464 |
| GEAR UP | 17 | $82,600 |
| Kids' Chance Scholarship | 9 | $20,250 |
| Marguerite Ross Barnett Memorial Scholarship | 169 | $319,726 |
| Minority Teaching Scholarship | 20 | $38,000 |
| Minority and Underrepresented Envir. Literacy | 11 | $27,983 |
| Public Safety Officer Survivor Grants | 18 | $74,488 |
| Vietnam Veteran's Survivor Grants | 3 | $15,053 |
| Wartime Veteran's Survivors Grant | 4 | $40,285 |
| **Totals** | 75,334 | $97,077,475 |

**A+ Scholarship Program (Section 160.545 RSMo)** –The A+ Scholarship serves graduates of A+ designated high schools who meet certain academic and other requirements while in high school and attend a participating public community college or vocational/technical school, or certain private two-year vocational/technical schools. Award amounts are based on the student's actual tuition and general fees after the Pell Grant, or other federal, non-loan funding, has been applied.

**Access Missouri Financial Assistance Program** (Section 173.1101-1107, RSMo) - This program provides need-based grants to students with an Expected Family Contribution (EFC) of $12,000 or less, based on the Free Application for Federal Student Aid (FAFSA). Award amounts vary depending on a student's EFC as well as the type of school attended. Access Missouri's statutory minimum and maximum award amounts are $300 to $1,000 for attendance at a public 2-year institution; $1,000 to $2,150 for attendance at a public four-year institution or Linn State Technical College; and $2,000 to $4,600 for attendance at an independent postsecondary institution. In FY 2012, actual minimum and maximum award amounts were $300 to $480 for public 2-year institutions, $1,000 to $1,030 for public 4-year institutions and Linn State Technical College and $2,000 to $2,210 for independent institutions.

Beginning with the 2014-2015 academic year, award amounts will be equalized at the public four-year institutions, including Linn State Technical College, and the independent institutions.

The equalized maximum award will be $2,850 and the equalized minimum award will be $1,500. At the same time, the maximum award amount at public two-year institutions will increase to $1,300, with the minimum award remaining at $300 for students attending these institutions.

**Advanced Placement Incentive Grant (Section 173.1350, RSMo) -** This is a nonrenewable grant designed to encourage high school students to take and score well on Advanced Placement exams in mathematics and science.  To qualify for the $500 award students must achieve a grade of three or higher on at least two designated Advanced Placement exams while attending a Missouri public high school.  Students must also receive an award under the Access Missouri Financial Assistance Program or the A+ Scholarship Program in the same academic year they receive this grant.

**Higher Education Academic Scholarship, or "Bright Flight"** (Section 173.250, RSMo) – This is a merit-based scholarship for students who achieve an ACT or SAT score in the top 5 percent on or before the June test date of their senior year in high school. Award amounts are tiered based on whether the student's score is in the top three percent or top fourth and fifth percentiles.  The qualifying scores are determined at the beginning of the student's senior year in high school and are based on the scores achieved by the Missouri seniors in the preceding graduating class.

Eligible students scoring in the top three percent may receive up to $3,000 annually.  The annual award for students scoring in the top fourth and fifth percentiles is up to $1,000 annually. Students qualifying in the top three percent must receive the maximum $3,000 award before students in the top fourth and fifth percentiles can be funded.

To be eligible in the top three percent in FY 2012, high school seniors had to achieve:

- An ACT score of 31 or better or
- An SAT score of 790 in critical reading AND 780 in math or better.

These students received annual awards of $1,750, or $875 each semester.

To be eligible in the top fourth and fifth percentiles in FY 2012, high school seniors had to achieve:

- An ACT score of 30 or
- An SAT score of 760 to 789 in critical reading AND 760 to 779 in math

These students were not funded in FY 2012 as the annual award level for the top 3 percent was less than $3,000. Those that maintain their eligibility may receive an award in the future if funding becomes available.

**GEAR UP Scholarships** (Statutory reference not applicable) – This scholarship is a component of the state GEAR UP grant. Although the early awareness and outreach component administered by the MDHE ended in September 2007, scholarship funds for students who participated in GEAR UP activities will continue to be administered by MDHE through 2016 or until no more eligible students remain, whichever occurs first.

**Kids' Chance Scholarship Program** (Sections 173.254-173.258, RSMo) - This program, created in 1998, provides scholarships for the children of workers who were seriously injured or died in a work-related accident or occupational disease covered by workers' compensation and compensable under chapter 287, RSMo. The scholarships are funded from the interest generated from the Kids' Chance Scholarship Fund. The legislation requires the Division of Worker's Compensation to deposit $50,000 per year into the fund, with the last deposit scheduled for October 2018 resulting in a principal total of $1 million.

**Marguerite Ross Barnett Memorial Scholarship Program** (Section 173.262, RSMo) – This scholarship, originally referred to as the Competitiveness Scholarship Program, is for students who are enrolled part time (six to 11 credit hours) and who are working at least 20 hours per week. Students must demonstrate financial need to qualify. The scholarship may be renewed annually for 150 semester credit hours or until students earn a baccalaureate degree, whichever occurs first. The maximum award is the lesser of the actual tuition charged at the school in which the student is enrolled part time, or the amount of tuition charged an undergraduate Missouri resident enrolled part time in the same class level and academic major at the University of Missouri-Columbia. The actual tuition charged is based on six credit hours for students enrolled in six, seven or eight credit hours and nine credit hours for students enrolled in nine, ten or eleven credit hours.

**Minority Teaching Scholarship** (Section 161.415, RSMo) – This is a loan forgiveness program designed to attract academically talented undergraduate or graduate students into the teaching profession. Graduate student recipients must commit to teaching in the fields of math or science. Up to 100 students may be awarded $2,000 annually. For students who obtain a teaching certificate and teach full-time in a Missouri public elementary or secondary school for five years, the loan converts to a scholarship. One-fifth of the student's total loans are forgiven for each year of qualifying employment.

**Minority and Underrepresented Environmental Literacy Program (Section 173.240. RSMo)** – This scholarship program assists academically talented minority and underrepresented

individuals pursuing an undergraduate or graduate degree in an environmental course of study. Applicants are selected by the Minority Environmental Literacy Advisory committee based on academic achievement as evidenced by grade point average and standardized test scores, involvement in school and community activities, and leadership characteristics. The MDHE determines award amounts based on the amount of funding appropriated to the program and the number of eligible applicants.

**Public Safety Officer or Employee's Child Survivor Grant Program** (Section 173.260, RSMo) – This is a grant program for public safety officers who were permanently and totally disabled in the line of duty. Children under 24 years of age who are dependents of officers or dependents of Missouri Department of Transportation employees engaged in the construction or maintenance of the state's highways, roads and bridges killed or totally and permanently disabled in the line of duty, as well as the spouses of officers killed or totally and permanently disabled in the line of duty, are also eligible. The maximum grant amount is the lesser of the actual tuition charged at the school in which the student is enrolled full time, or the amount of tuition charged an undergraduate Missouri resident enrolled full time in the same class level and academic major at the University of Missouri-Columbia. The grant may be renewed annually until the student obtains a baccalaureate degree or, in the case of a dependent child, until the student is 24 years of age, whichever occurs first.

**Vietnam Veterans Survivor Grant Program** (Section 173.236, RSMo) – This is a grant program for children and spouses of Vietnam veterans whose deaths were attributed to, or caused by, exposure to toxic chemicals during the Vietnam conflict. The maximum grant amount is the lesser of the actual tuition charged by the school in which the student is enrolled full time or the average amount of tuition charged an undergraduate Missouri resident enrolled full time in the same class level and academic major at the regional public four-year Missouri institutions. The grant may be renewed annually until the student obtains a baccalaureate degree, has completed 150 semester credit hours, or has received the grant for a total of 10 semesters. Eligibility ends at age 25 for children and at the fifth anniversary of the veteran's death for spouses, regardless of whether the other renewal thresholds have been met.
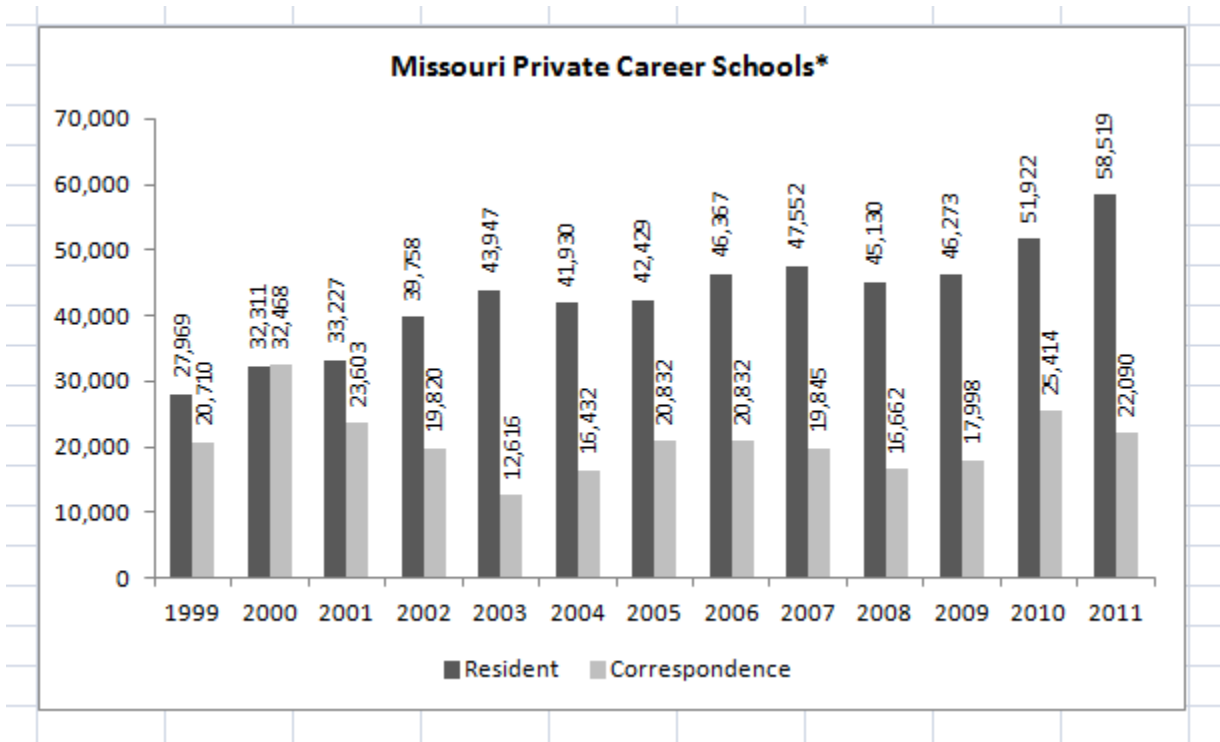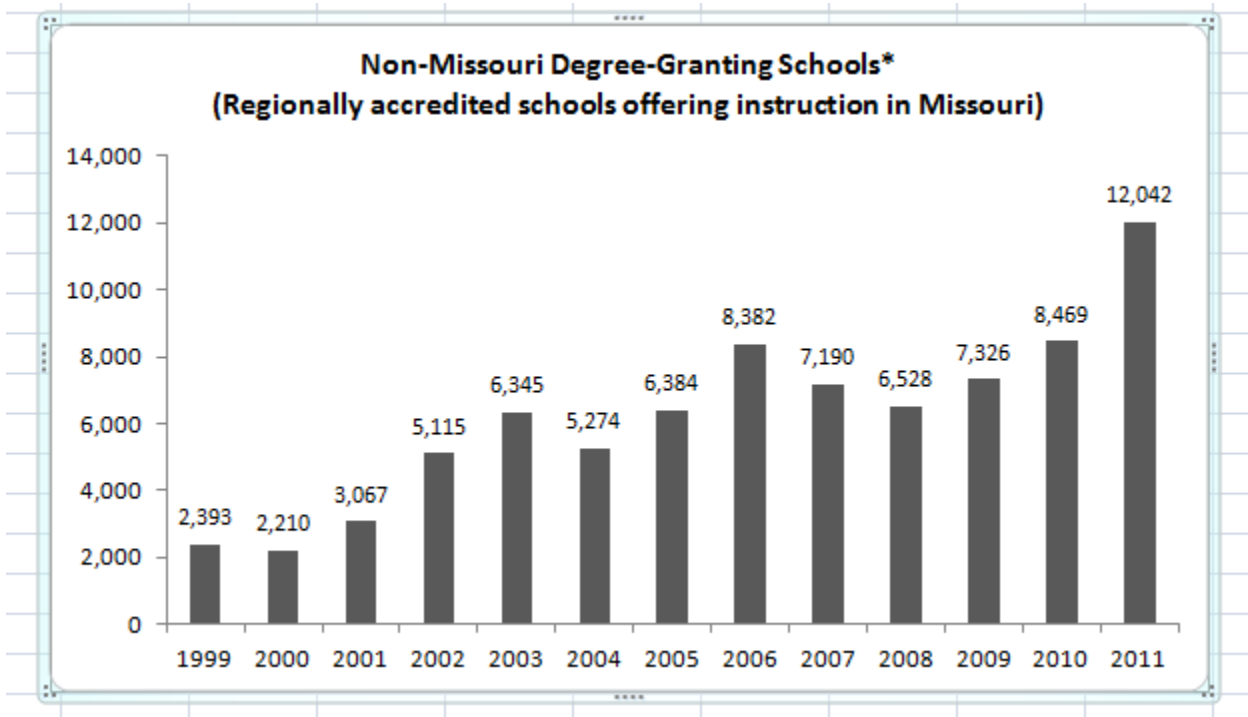
**Wartime Veteran's Survivors Grant Program** (Section 173.234, RSMo) – This program was designed to provide up to 25 grants for tuition assistance, room and board, and books for students who are survivors of post 9/11 war veterans whose deaths were a result of combat action or were attributable to an illness contracted while serving in combat, or who became at least 80 percent disabled as a result of injuries sustained in combat action. Although the Wartime Veteran's Survivors Grant program became effective in 2008, the first award was made in 2011, which was the first year for which funds were appropriated for this program.

# APPENDIX E:

## PROPRIETARY SCHOOL ENROLLMENT

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# Appendix E:  Proprietary School Enrollment



Non-Missouri Degree-Granting Schools*
(Regionally accredited schools offering instruction in Missouri)

| Year | Enrollment |
|------|-----------|
| 1999 | 2,393 |
| 2000 | 2,210 |
| 2001 | 3,067 |
| 2002 | 5,115 |
| 2003 | 6,345 |
| 2004 | 5,274 |
| 2005 | 6,384 |
| 2006 | 8,382 |
| 2007 | 7,190 |
| 2008 | 6,528 |
| 2009 | 7,326 |
| 2010 | 8,469 |
| 2011 | 12,042 |



Missouri Private Career Schools*

| Year | Resident | Correspondence |
|------|----------|----------------|
| 1999 | 27,969 | 20,710 |
| 2000 | 32,311 | 32,468 |
| 2001 | 33,227 | 23,603 |
| 2002 | 39,758 | 19,820 |
| 2003 | 43,947 | 12,616 |
| 2004 | 41,930 | 16,432 |
| 2005 | 42,429 | 20,832 |
| 2006 | 46,367 | 20,832 |
| 2007 | 47,552 | 19,845 |
| 2008 | 45,130 | 16,662 |
| 2009 | 46,273 | 17,998 |
| 2010 | 51,922 | 25,414 |
| 2011 | 58,519 | 22,090 |

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# Appendix F:

## Academic Program Actions

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## Public Institutions

| Action | Certificate | Associate | Baccalaureate | Graduate | Total |
|---|---|---|---|---|---|
| Deleted | 20 | 7 | 14 | 6 | 47 |
| Inactivated | 1 | 2 | 13 | 2 | 18 |
| Program Changes* | 91 | 36 | 40 | 20 | 187 |
| New | 5 | 19 | 13 | 7 | 44 |
| Off-site | 4 | 6 | 2 | 2 | 14 |
| Programs Withdrawn | | | | | |

&ast; **Includes options inactivated/deleted, options added, titles changed, certificates added, programs combined.**

## Independent Institutions

| Action | Certificate | Associate | Baccalaureate | Graduate | Total |
|---|---|---|---|---|---|
| New | 0 | 0 | 15 | 10 | 25 |
| Off-site | 0 | 0 | 0 | 9 | 9 |

**All Academic Program Actions**
**Summary Organized by Type of Program Action**

**I. Programs Discontinued (Total Category Count = 47)**

**Certificates (Count = 20)**

1. C0, Database Developer (04-12) **St. Louis Community College**
2. C0, Dental Assisting (12-11) **St. Louis Community College**
3. C0, Digital Media: 3D Design and Animation (12-11) **St. Louis Community College**
4. C0, Early Care & Education (02-12) **St. Louis Community College**
5. C0, Information Reporting: Broadcast Captioning (02-12) **St. Louis Community College**
6. C0, Lead Maintenance Mechanic (02-12) **St. Louis Community College**
7. C0, Multimedia (06-12) **St. Louis Community College**
8. C1, Advanced Networking (06-12) **St. Charles Community College**
9. C1, Automotive Transmission / Transaxle (04-12) **Linn State Technical College**
10. C1, Baking and Pastry Arts (06-12) **St. Louis Community College**
11. C1, Engine Performance (04-12) **Linn State Technical College**
12. C1, Fine Arts Studio (06-12) **St. Louis Community College**
13. C1, Hospitality Studies: Hotel Management (12-11) **St. Louis Community College**
14. C1, Hospitality Studies: Restaurant Management (12-11) **St. Louis Community College**
15. C1, Human Services (12-11) **St. Louis Community College**
16. C1, Machine Tool Technology (02-12) **State Fair Community College**
17. C1, Technical / Business Communication (12-11) **St. Louis Community College**
18. C1, Welding Technology (02-12) **State Fair Community College**
19. GRCT, Long Term Care Administration (06-12) **University of Missouri – St. Louis**
20. GRCT, Post-MSN Nurse Practitioner (02-12) **University of Missouri- St. Louis**

**Associates (Count = 7)**

1. AAS, CIS / Network Administration (06-12) **Lincoln University**
2. AAS, Computer Technology (delete option) (02-12) **Missouri State University – West Plains**
3. AAS, Electronic Technology (delete option) (06-12) **Jefferson College**
4. AAS, Machine Tool Technology (02-12) **State Fair Community College**
5. AAS, Manufacturing Technology (04-12) **St. Louis Community College**
6. AAS, Robotics Technology (06-12) **St. Louis Community College**
7. AAS, Web Development (02-12) **State Fair Community College**

**Baccalaureate (Count = 14)**

1. BA, Antiquities (12-11) **Missouri State University**
2. BA, Mass Communication (09-11) **Southeast Missouri State University**
3. BA, Chemistry (12-11) **University of Central Missouri**
4. BA, Public Administration (12-11) **Missouri State University**
5. BA, Spanish (09-11) **University of Central Missouri**
6. BFA, Dance (12-11) **Missouri State University**
7. BS, Agricultural Economics (06-12) **Northwest Missouri State University**
8. BS, Alternative Energy (12-11) **Northwest Missouri State University**
9. BS, Chemistry (Non-ACS) (09-11) **Missouri University of Science and Technology**
10. BS, Engineering Physics (12-11) **Missouri State University**

11. BS, Public Administration (12-11) **Missouri State University**
12. BSED, Technology Education (12-11) **Missouri State University**
13. BHS, Health Science (delete option) (06-12) **University of Missouri –Kansas City**
14. BSN, Nursing (cooperative with UMSL) (09-11) **Missouri University of Science and Technology**

### Graduate (Count = 6)

1. MS, Engineering Mechanics (09-11) **Missouri University of Science and Technology**
2. MS, Human Nutrition Foods and Food Systems Management (02-12) **University of Missouri-Columbia**
3. MSEd, English (04-12) **Northwest Missouri State University**
4. MSEd, Music (06-12) **Northwest Missouri State University**
5. MST, Earth Sciences (02-12) **Missouri University of Science and Technology**
6. Ph.D., Engineering Mechanics (09-11) **Missouri University of Science and Technology**

## II. Programs Placed on Inactive Status (Total Category Count = 18)

### Certificates (Count = 1)

1. C1, Fire Science (06-12) **Crowder College**

### Associates (Count = 2)

1. AAS, Business & Office Technology (09-11) **Moberly Area Community College**
2. AAS, Engineering (inactivate option) (02-12) **Metropolitan Community College**

### Baccalaureate (Count = 13)

1. BA, Broadcasting (04-12) **Northwest Missouri State University**
2. BA, French (04-12) **University of Missouri--St. Louis**
3. BA, German (04-12) **University of Missouri--St. Louis**
4. BA, Journalism (04-12) **Northwest Missouri State University**
5. BA, Spanish (04-12) **University of Missouri--St. Louis**
6. BA, Statistics (09-11) **Northwest Missouri State University**
7. BS, Alternative Energy (09-11) **Northwest Missouri State University**
8. BS, Broadcasting (04-12) **Northwest Missouri State University**
9. BS, Journalism (04-12) **Northwest Missouri State University**
10. BS, Physics (09-11) **Northwest Missouri State University**
11. BS, Statistics (09-11) **Northwest Missouri State University**
12. BSED, Physics (Grades 9-12) (09-11) **Northwest Missouri State University**
13. BSED, Unified Science – Physics (09-11) **Northwest Missouri State University**

### Graduate (Count = 2)

1. MA, Sociology (04-12) **University of Missouri--St. Louis**
2. MSEd, Teaching Secondary (inactivate option) (06-12) **Northwest Missouri State University**

## III. Approved Changes in Academic Programs (Total Count =187)

**Certificates (Count =91)**

1. C0, Advanced Civil Design (04-12) **Linn State Technical College**
2. C0, Advanced Light Commercial Design (04-12) **Linn State Technical College**
3. C0, Architectural Drafting (12-11) **State Fair Community College**
4. C0, Autism Assistant (06-12) *(for delivery on main campus, Crowder College Moss Center, Nevada,*
5. *Missouri; Crowder College Watley Center, Cassville, Missouri; and Webb City Center)*
6. C0, Automotive Chassis (02-12) **State Fair Community College**
7. C0, Automotive Electrical/Electronics, Heating/Air Conditioning (02-12) **State Fair Community College**
8. C0, Automotive Transmission, Driveline and Axles (02-12) **State Fair Community College**
9. C0, Automotive Service, Maintenance, and Light Repair (09-11) **Metropolitan Community College**
10. C0, Basic Business Studies (02-12) **Missouri State University – West Plains**
11. C0, Biomedical Equipment Technology (04-12) **Linn State Technical College**
12. C0, CAD Programming and 3D Animation (04-12) **Linn State Technical College**
13. C0, Computer Security (12-11) **St. Charles Community College**
14. C0, Computer Support Specialist  (09-11) *(for delivery at the main campus as well as off-site at the Advanced Technology Center in Mexico, Missouri; the Columbia Area Higher Education Center in Columbia, Missouri; the Hannibal Area Higher Education Center in Hannibal, Missouri; the Kirksville Higher Education Center in Kirksville, Missouri; and at the Jim Sears Northeast Technical Center in Edina, Missouri)* **Moberly Area Community College**
15. C0, CNC Operation (02-12) **State Fair Community College**
16. C0, Control Technology (02-12) **State Fair Community College**
17. C0, Early Learning Assistant  (09-11) *(for delivery at the main campus as well as off-site at the Advanced Technology Center in Mexico, Missouri; the Columbia Area Higher Education Center in Columbia, Missouri; the Hannibal Area Higher Education Center in Hannibal, Missouri; and the Kirksville Higher Education Center in Kirksville, Missouri)* **Moberly Area Community College**
18. C0, Electrical Installations (02-12) **State Fair Community College**
19. C0, Electronics (02-12) **State Fair Community College**
20. C0, English for Speakers of Other Languages (ESOL) (09-11) **Southeast Missouri State University**
21. C0, Engineering and Construction Project Management (04-12) **University of Missouri –Kansas City**
22. C0, Event Planning (12-11) **St. Louis Community College**
23. C0, Film Studies (09-11) **University of Missouri – St. Louis**
24. C0, Global Studies (06-12) *(for delivery at main campus as well as Malden, Sikeston, Kennett and*
25. *Dexter)* **Three Rivers Community College**
26. C0, Graphic Arts (09-11) *(for delivery at the main campus as well as at the Hannibal Area Higher Education Center in Hannibal, Missouri; the Kirksville Higher Education Center in Kirksville, Missouri; and the Macon Area Career and Technical Education Center in Macon, Missouri)* **Moberly Area Community College**
27. C0, Industrial Electrical Technician (04-12) **Crowder College**
28. C0, IT Help Desk/End User Support (02-12) **State Fair Community College**
29. C0, Law Enforcement (12-11) **Jefferson College**
30. C0, Life Science Laboratory Assistant (04-12) **St. Louis Community College**
31. C0, Machinist Helper (02-12) **State Fair Community College**
32. C0, Manufacturing Technology (02-12) **State Fair Community College**
33. C0, Mechanical Drafting (12-11) **State Fair Community College**
34. C0, Medical Billing and Coding *(for delivery off-site in St. Louis, in collaboration with BJC*
35. *Learning Institute)* (04-12) **St. Louis Community College**

36. C0, Modern European Languages (09-11) **University of Missouri – St. Louis**
37. C0, Modern European Studies (12-11) **University of Missouri – St. Louis**
38. C0, Network Security (09-11) *(for delivery at the main campus as well as off-site at the Advanced Technology Center in Mexico, Missouri; the Columbia Area Higher Education Center in Columbia, Missouri; the Hannibal Area Higher Education Center in Hannibal, Missouri; the Kirksville Higher Education Center in Kirksville, Missouri; and at the Jim Sears Northeast Technical Center in Edina, Missouri)* **Moberly Area Community College**
39. C0, Office Basics (09-11) *(for delivery at the main campus as well as off-site at the Columbia Higher Education Center in Columbia, Missouri)* **Moberly Area Community College**
40. C0, Principles of Technology (02-12) **State Fair Community College**
41. C0, Safety and Management (02-12) **State Fair Community College**
42. C0, Sales and Customer Development (09-11) **University of Missouri - Columbia**
43. C0, Skilled Trades Industrial Occupations Technology (12-11) **St. Louis Community College**
44. C0, Small Business Management (02-12) **Missouri State University – West Plains**
45. C0, Sustainable Construction (02-12) **State Fair Community College**
46. C0, Sustainable Energy Technology (02-12) **State Fair Community College**
47. C0, Sustainable Environmental Design (12-11) **St. Louis Community College**
48. C0, Systems Administration (09-11) *(for delivery at the main campus as well as off-site at the Advanced Technology Center in Mexico, Missouri; the Columbia Area Higher Education Center in Columbia, Missouri; the Hannibal Area Higher Education Center in Hannibal, Missouri; the Kirksville Higher Education Center in Kirksville, Missouri; and at the Jim Sears Northeast Technical Center in Edina, Missouri)* **Moberly Area Community College**
49. C0, Systems Operations (12-11) (*for delivery at the main campus, as well as off-site at the Advanced*
50. *Technology Center in Mexico, the Columbia Higher Education Center in Columbia, the Hannibal Area Higher Education Center in Hannibal, the Jim Sears Northeast Technical Center in Edina, and the Kirksville Higher Education Center in Kirksville, Missouri.)* **Moberly Area Community College**
51. C0, Web Development  (09-11) *(for delivery at the main campus as well as off-site at the Advanced Technology Center in Mexico, Missouri; the Columbia Area Higher Education Center in Columbia, Missouri; the Hannibal Area Higher Education Center in Hannibal, Missouri; and the Jim Sears Northeast Technical Center in Edina, Missouri)* **Moberly Area Community College**
52. C1, Accounting (12-11) **Ozarks Technical Community College**
53. C1, Advanced Driveability (02-12) **State Fair Community College**
54. C1, Agricultural Business (02-12) **State Fair Community College**
55. C1, Agronomy (02-12) **State Fair Community College**
56. C1, Automation / Robotics Technician (06-12) **Crowder**
57. C1, Computer Aided Drafting Technology (12-11) **State Fair Community College**
58. C1, Early Childhood Education (12-11) *(for delivery at the main campus, as well as off-site at the Advanced Technology Center in Mexico, the Columbia Higher Education Center*
59. *in Columbia, the Hannibal Area Higher Education Center in Hannibal, the Kirksville Higher Education Center in Kirksville, Missouri).* **Moberly Area Community College**
60. C1, Electro-Mechanical Technology (02-12) **State Fair Community College**
61. C1, Gender Studies (04-12) **University of Missouri – St. Louis**
62. C1, Graphic Media Technician (02-12) **Metropolitan Community College**
63. C1, Heating, Refrigeration, and A/C Technology: Installer (12-11) **Jefferson College**
64. C1, Heating, Refrigeration, and A/C Technology: Technician (12-11) **Jefferson College**
65. C1, History and Philosophy of Science and Technology (04-12) **University of Missouri – St. Louis**
66. C1, Industrial Maintenance Technician (04-12) **Crowder College**
67. C1, Keiper Line Technician *(for off-site delivery in Eldon)* (02-12) **State Fair Community College**
68. C1, Land Surveying Technology-Geomatics (04-12) **St. Louis Community College**
69. C1, Law Enforcement (02-12) **Missouri State University – West Plains**

70. C1, Neuroscience (04-12) **University of Missouri – St. Louis**
71. C1, Pre-Occupational Therapy Assistant (02-12) **Three Rivers Community College**
72. C1, Pre-Physical Therapist Assistant (02-12) **Three Rivers Community College**
73. C1, Welding Technology (02-12) **State Fair Community College**
74. C1, Skilled Trades Industrial Apprenticeship Training: Electrician (12-11) **St. Louis Community College**
75. C1, Structural Welding (02-12) **State Fair Community College**
76. C2, Environmental Health (09-11) **Crowder College**
77. C2, General Education (02-12) **State Fair Community College**
78. C2, Machine Tool Technology (02-12) **State Fair Community College**
79. GRCT, Agroforestry (02-12) **University of Missouri – Columbia**
80. GRCT, Career and Technical Education (09-11) *(for off-site delivery at the Northwest Kansas City Center (Blue Jay Tower), and at the Northwest St. Joseph Center)* **Northwest Missouri State University**
81. GRCT, Community College Leadership (06-12) *(online collab. with University of Missouri-St. Louis)* **University of Missouri – Kansas City**
82. GRCT, Community College Leadership (06-12) *(online collab. with University of Missouri-Kansas City)* **University of Missouri- St. Louis**
83. GRCT, Financial and Housing Counseling (06-12) **University of Missouri – Columbia**
84. GRCT, History Education (06-12) **University of Missouri – St. Louis**
85. GRCT, Nurse Educator (12-11) **University of Central Missouri**
86. GRCT, Nurse Practitioner (12-11) **University of Central Missouri**
87. GRCT, Online Educator (09-11) **University of Missouri - Columbia**
88. GRCT, Social Gerontology (06-12) **University of Central Missouri**
89. GRCT, Teaching English to Speakers of Other Languages (TESOL) (06-12) **University of Missouri – Columbia**
90. GRCT, Teaching of Writing (02-12) **University of Missouri- Kansas City**
91. GRCT, Technical Communication (02-12) **Missouri University of Science and Technology**

**Associates (Count =36)**

1. AA, General Studies (02-12) **State Fair Community College**
2. AAS, Accounting (12-11) **Ozarks Technical Community College**
3. AAS, Advanced Manufacturing Technology (04-12) **Crowder College**
4. AAS, Agri-business Technology (06-12) **Crowder College**
5. AAS, Agriculture (02-12) **State Fair Community College**
6. AAS, Automation and Electrical Control Systems (02-12) **Jefferson College**
7. AAS, Automotive Technology (02-12) **State Fair Community College**
8. AAS, Computer Aided Drafting Technology (12-11) **State Fair Community College**
9. AAS, Computer Graphics and Programming (02-12) **Missouri State University – West Plains**
10. AAS, Computer Information Systems (02-12) **State Fair Community College**
11. AAS, Computer Information Technology (09-11) **Moberly Area Community College**
12. AAS, Computer Integrated Manufacturing (04-12) **St. Louis Community College**
13. AAS, Computer Science (06-12) **Lincoln University**
14. AAS, Computer Science (06-12) **St. Charles Community College**
15. AAS, Criminal Justice (09-11) **Three Rivers Community College**
16. AAS, Criminal Justice (12-11) **Jefferson College**
17. AAS, Culinary Arts (04-12) **Ozarks Technical Community College**
18. AAS, Deaf Communication Studies / Interpreter Education (12-11) **St. Louis Community College**
19. AAS, Design Drafting Technology (04-12) **Linn State Technical College**

20. AAS, Early Childhood (09-11) **Moberly Area Community College**
21. AAS, Early Childhood Education (12-11) *(for delivery at the main campus, as well as off-site at the*
22. *Advanced Technology Center in Mexico, the Columbia Higher Education Center in Columbia, the Hannibal Area Higher Education Center in Hannibal, the Kirksville Higher Education Center in Kirksville, Missouri)* **Moberly Area Community College**
23. AAS, Electronics Engineering Technology (04-12) **Linn State Technical College**
24. AAS, Energy Efficient Building Technology (06-12) **Crowder**
25. AAS, Graphic Arts Technology (09-11) **Moberly Area Community College**
26. AAS, Heating/AC/Refrigeration Technology (12-11) **Jefferson College**
27. AAS, Industrial Technology (02-12) **Metropolitan Community College**
28. AAS, Industrial Technology-Electrical Maintenance (02-12) **State Fair Community College**
29. AAS, Manufacturing Technology (06-12) **Crowder**
30. AAS, Medium / Heavy Truck Technology (06-12) **Linn State Technical College**
31. AAS, Metals Technology (02-12) **State Fair Community College**
32. AAS, Network Administration (06-12) **Three Rivers Community College**
33. AAS, Occupational Therapy Assistant (02-12) **Three Rivers Community College**
34. AS, Pre-Engineering (06-12) *(for delivery on main campus, Crowder College Moss Center, Nevada,*
35. *Missouri; Crowder College Watley Center, Cassville, Missouri; and Webb City Center)* **Crowder**
36. AS, Pre-Engineering Alternative Energy (06-12) *(for delivery on main campus, Crowder College Moss Center, Nevada, Missouri; Crowder College Watley Center, Cassville, Missouri; and Webb City Center)* **Crowder**

## Baccalaureate (Count =40)

1. BA, Classics – Latin Concentration (12-11) **Missouri State University**
2. BA, Cooperative Engineering (06-12) **University of Central Missouri**
3. BA, Theatre (04-12) **Southeast Missouri State University**
4. BFA, Theatre (04-12) **Southeast Missouri State University**
5. BFA, Theatre and Dance (12-11) **Missouri State University**
6. BM, Music (02-12) **University of Missouri – Columbia**
7. BS, Applied Computer Technologies (04-12) **Missouri Western State University**
8. BS, Biology(04-12) **Southeast Missouri State University**
9. BS, Chemistry (04-12) **Northwest Missouri State University**
10. BS, Communication Studies (12-11) **University of Central Missouri**
11. BS, Computer Science (04-12) **Missouri Western State University**
12. BS, Criminal Justice (06-12) **Southeast Missouri State University**
13. BS, Digital Media Production (12-11) **University of Central Missouri**
14. BS, Electrical Engineering (04-12) **Missouri University of Science and Technology**
15. BS, Engineering Technology (06-12) **University of Central Missouri**
16. BS, Environmental Plant Science (12-11) **Missouri State University**
17. BS, Food and Nutrition (09-11) **Moberly Area Community College**
18. BS, Forestry (02-12) **University of Missouri – Columbia**
19. BS, General Agriculture (12-11) **Missouri State University**
20. BS, Geography (12-11) **Missouri State University**
21. BS, Hospitality & Restaurant Administration (04-12) **Missouri State University**
22. BS, Hospitality and Restaurant (12-11) **Missouri State University**
23. BS, Innovative Technology (06-12) **University of Central Missouri**
24. BS, Interior Design (12-11) **Missouri State University**
25. BS, Journalism (04-12) **Missouri State University**
26. BS, Manufacturing Engineering Technology (04-12) **Missouri Western State University**

27. BS, Marketing (12-11) **Missouri State University**
28. BS, Mass Communication (09-11) **Southeast Missouri State University**
29. BS, Mathematics (06-12) **Lincoln University**
30. BS, Natural Resources (12-11) **Missouri State University**
31. BS, Professional Photography (06-12) **University of Central Missouri**
32. BS, Technology (Transfer Program) (06-12) **University of Central Missouri**
33. BS, Technology Management (09-11) **Southeast Missouri State University**
34. BS, Technology Management (04-12) **Southeast Missouri State University**
35. BSBA, Business Administration (12-11) **Southeast Missouri State University**
36. BSE, Early Childhood Education (04-12) **Missouri Western State University**
37. BSE, Elementary Education (04-12) **Missouri Western State University**
38. BSEd, Business Education (06-12) **Southeast Missouri State University**
39. BSEd, Classics – Latin Concentration (12-11) **Missouri State University**
40. BSEd, Elementary Education *(for off-site, face-to-face, online and ITV for off-site delivery at Crowder College)* (02-12) **Missouri State University**

### Graduate (Count =20)

1. EdS, Counseling (04-12) **Southeast Missouri State University**
2. MA, English (06-12) **Northwest Missouri State University**
3. MA, English (06-12) **Southeast Missouri State University**
4. MA, English (06-12) **University of Missouri- St. Louis**
5. MAA, Digital Media (02-12) **Missouri Western State University**
6. MAA, Digital Media (04-12) **Missouri Western State University**
7. MS, Applied Health & Sport Sciences (09-11) **Moberly Area Community College**
8. MS, Biology (09-11) **University of Missouri – St. Louis**
9. MS, Criminal Justice (09-11) **Southeast Missouri State University**
10. MS, Criminal Justice (06-12) **Southeast Missouri State University**
11. MS, Social Gerontology (06-12) **University of Central Missouri**
12. MS, Kinesiology (09-11) **University of Central Missouri**
13. MSED, Educational Technology (12-11) **Missouri State University**
14. MSED, Literacy (12-11) **Missouri State University**
15. MSN, Nursing (09-11) **Southeast Missouri State University**
16. MSN, Nursing (12-11) **University of Central Missouri**
17. MSN, Nursing (04-12) **University of Missouri –Kansas City**
18. MSN, Nursing (06-12) *(delivered off-site at Missouri Western State University and Missouri Southern State University)* **University of Missouri – Kansas City**
19. Ph.D., Biology (09-11) **University of Missouri – St. Louis**
20. Ph.D., Mathematics (02-12) **Missouri University of Science and Technology**

## VI. New Programs Approved Public Institutions (Total Category Count=59)

### Certificates (Count=10)

1. C0, Career and Technical Education (04-12) (*for delivery at main campus and off-site in Northwest Kansas City Center and St. Joseph Center)* **Northwest Missouri State University**
2. C1, Accounting (09-11) (*for delivery at the main campus in Neosho, as well as off-site in Cassville, Nevada, and Webb City, Missouri)* **Crowder College**

3. C1, Criminal Justice (04-12) (*for delivery at main campus and off-site in Cameron, Missouri*) **North Central Missouri College**
4. C1, Geographic Information Systems (09-11) Three Rivers Community College
5. C1, Marketing/Management (09-11) (*for off-site delivery at the Advanced Technology Center in Mexico, Missouri; the Columbia Area Higher Education Center in Columbia, Missouri; the Hannibal Area Higher Education Center in Hannibal, Missouri; and the Kirksville Higher Education Center in Kirksville, Missouri*) Moberly Area Community College
6. C1, Medical Office Assistant  (09-11) State Fair Community College
7. C1, Network Engineering (12-11) St. Louis Community College-Forest Park
8. C1, Practical Nursing ( 06-12)Three Rivers Community College
9. C2, Medical Coding (06-12) (*for delivery online)* State Fair Community College

**Associates (Count=25)**

1. AA, Associate of Arts (04-12) (*for delivery at the main campus and off-site in Cameron , Missouri)* **North Central Missouri College**
2. AA, General Education (02-12) *(for off-site delivery in Eldon, Missouri)* S**tate Fair Community College**
3. AAS, Allied Health (09-11) **Missouri State University-West Plains**
4. AAS, Biomedical Electronics Technician (06-12) **Jefferson College**
5. AAS, Business Administration (12-11) (*including online delivery of approved courses)* **St. Louis Community College-Florissant Valley**
6. AAS, Business Administration (12-11) (*including online delivery of approved courses)* **St. Louis Community College**
7. AAS, Business Administration (12-11) (*including online delivery of approved courses)* **St. Louis Community College**
8. AAS, Business Administration (02-12) **St. Louis Community College**
9. AAS, Criminal Justice (04-12) (*for delivery at main campus and off-site in Cameron, Missouri)* **North Central Missouri College**
10. AAS, Diagnostic Medical Sonography (06-12) **State Fair Community College**
11. AAS, Geographic Information Systems (09-11) **Three Rivers Community College**
12. AAS, Health Information Technology (09-11) **State Fair Community College**
13. AAS, Health Information Technology (02-12) **Jefferson College**
14. AAS, Keiper Line Technician (02-12) (*for off-site delivery in Eldon, Missouri*) **State Fair Community College**
15. AAS, Marketing Management (09-11) (*for off-site delivery at the Advanced Technology Center in Mexico, Missouri; the Columbia Area Higher Education Center in Columbia, Missouri; the Hannibal Area Higher Education Center in Hannibal, Missouri; and the Kirksville Higher Education Center in Kirksville, Missouri)* **Moberly Area Community College**
16. AAS, Network Engineering (04-12) **St. Louis Community College**
17. AAS, Occupational Therapy Assistant (12-11) **Jefferson College**
18. AAS, Physical Therapist Assistant (02-12) **Jefferson College**
19. AAS, Respiratory Therapy *(09-11)* **Jefferson College**
20. ADN, Associate Degree in Nursing (06-12) (*for delivery off-site at the Advanced Technology  Center in Mexico, Missouri)* **Moberly Area Community College**
21. AFA, Associate of Fine Arts (09-11) **St. Louis Community College**
22. AS, Bio-clinical Sciences (06-12) **Ozarks Technical Community College**
23. AS, Chemistry (02-12) (*collaboration with University of Central Missouri)* **State Fair Community College**

24. AS, Occupational Therapy Assistant (02-12) **Crowder College**
25. AS, Pre-Pharmacy (06-12) **Three Rivers Community College**

### Baccalaureate (Count=15)

1. BA, Dance (04-12) **Southeast Missouri State University**
2. BA, Media Studies (04-12) **Northwest Missouri State University**
3. BA, Modern Language (02-12) **University of Missouri-St. Louis**
4. BA, Music Industry (09-11) **Missouri Southern State University**
5. BA, Theatre and Cinema (04-12) **Missouri Western State University**
6. BFA, Dance (04-12) **Southeast Missouri State University**
7. BFA, Musical Theatre (09-11) **University of Central Missouri**
8. BFA, Studio Art (12-11) **Missouri Southern State University**
9. BGS, Bachelor of General Studies (06-12) **Missouri Western State University**
10. BHS, Athletic Training (02-12) **University Missouri-Columbia**
11. BS, Comprehensive Crisis Management (02-12) **Northwest Missouri State University**
12. BS, Radiologic Technology (02-12) **University of Central Missouri**
13. BS, Mass Media (04-12) **Northwest Missouri State University**
14. BSBA, Management (06-12) (*collaboration between Missouri Southern State University and Crowder College for delivery off-site at Crowder College)* **Missouri Southern State University**
15. BSED, Education, Secondary Agricultural Education (04-12) (*for delivery at main campus and off-site in Sikeston, Missouri; Kennett, Missouri; and Malden, Missouri)* **Southeast Missouri State University**

### Graduate (Count=9)

1. EdSp, Counseling and Assessment (12-11) **Missouri State University**
2. EdSp, Human Services (06-12) **University of Central Missouri**
3. MA, English (06-12) **Northwest Missouri State University**
4. MED, Teaching Middle School with Certification (12-11) **Lincoln University**
5. MME, Master in Music Education (06-12) **Northwest Missouri State University**
6. MS, Athletic Training (04-12) **Missouri State University**
7. MS, Organizational Management (09-11) **Southeast Missouri State University**
8. MSW, Social Work (06-12) (*collaboration between University of Missouri-Columbia and Missouri University of Science and Technology for delivery off-site at Missouri University of Science and Technology and multiple sites across south central region of Missouri)* **University of Missouri-Columbia**
9. Ph.D., Doctor of Pharmacy (06-12) (*collaboration between Missouri State University for delivery off-site at Missouri State University)* **University Missouri-Kansas City**

## VII. New Programs Approved Independent Institutions (Total Count =34)

### Certificate (Count = 0)

### Associate (Count =0)

### Bachelor (Count =15)

1. BA, Business Administration (06-12) **Columbia College**
2. BA, Chinese Studies (06-12) **Lindenwood University**
3. BA, International Relations (06-12) **Lindenwood University**
4. BA, Personal Financial Planning (12-11) **Lindenwood University**
5. BFA, Dance (04-12) **Lindenwood University**
6. BFA, Musical Theatre (04-12) **Lindenwood University**
7. BFA, Stage Management (04-12) **Lindenwood University**
8. BGS, with Certification in Elementary Education (06-12) **Columbia College**
9. BS, Business Administration (06-12) **Columbia College**
10. BS, Early Childhood Education (12-11) **Park University**
11. BS, Education Studies (12-11) **Park University**
12. BS, Elementary Education (12-11) **Park University**
13. BS, Middle School Education (12-11) **Park University**
14. BS, International Business (04-12) **Lindenwood University**
15. BS, Secondary Education (12-11) **Park University**

## Graduate (Count =19)

1. Doctor of Business Administration (06-12) **Washington University**
2. DLA, Doctor of Liberal Arts (06-12) **Washington University**
3. Ed.D., Educational Leadership (04-12) **Southwest Baptist University**
4. Ed.D, Graduate Educational Administration (02-12) *(for delivery off-site at Ozark Technical Community College--Richwood Campus, Ozark, Missouri)* **Lindenwood University**
5. Ed.D, Graduate Instructional Leadership (02-12) *(for delivery off-site at Ozark Technical Community College--Richwood Campus, Ozark, Missouri; and Springfield Campus, Springfield, Missouri)* **Lindenwood University**
6. Ed.D, Educational Leadership (02-12) **Lindenwood University**
7. EdSp, Educational Administration (02-12 )*(for delivery off-site at Blue Eye High School, Blue Eye, Missouri)* **Lindenwood University**
8. EdSp, Graduate Instructional Leadership (02-12) *(for delivery off-site at Hannibal Career and Technical Center, Hannibal, Missouri; and Ozark Technical Community College—Richwood Campus, Ozark, Missouri)***Lindenwood University**
9. EdSp, Graduate Educational Administration (02-12) *(for delivery off-site at Ozark Technical Community College—Richwood Campus, Ozark, Missouri; and Waynesville Sr. High School, Waynesville, Missouri)***Lindenwood University**
10. EdSp, Graduate School Administration (02-12) *(for delivery off-site at Waynesville Sr. High, Waynesville, Missouri)* **Lindenwood University**
11. MA, Graduate Counseling (02-12) *(for delivery off-site at Clever High School, Clever, Missouri)* **Lindenwood University**
12. MA, Graduate Education  (02-12) *(for delivery off-site at Blue Eye High School, Blue Eye, Missouri; Branson Intermediate School, Branson, Missouri; Central Visual Arts High, St. Louis, Missouri; Clever High School, Clever, Missouri; Gateway Elementary, St. Louis, Missouri; Gateway Middle School, St. Louis, Missouri; Hannibal Career and Technical Center, Hannibal, Missouri; John B. Lange Middle School, Columbia, Missouri; Lucas Crossing Elementary, St. Louis, Missouri; Miler Career Academy, St. Louis, Missouri; North County Center, Florissant, Missouri; Ozark School District Central Office, Florissant, Missouri; Parkway Southwest Middle School, Ballwin, Missouri; Republic Middle School, Ballwin, Missouri; Waynesville Sr. High, Waynesville, Missouri; and Wentzville Center, Wentzville, Missouri)* **Lindenwood University**
13. MA, Graduate School Administration (02-12) *(for delivery off-site at Branson Intermediate School, Branson, Missouri; Central Visual Arts High, St. Louis, Missouri; Clever High School, Clever,*

*Missouri; Gateway Elementary School, St. Louis, Missouri; Gateway Middle School, St. Louis, Missouri; Lucas Crossing Elementary, St. Louis, Missouri; Miller Career Academy, St. Louis, Missouri; North Country Center, Florissant, Missouri; Parkway Southwest Middle School Ballwin, Missouri; Republic Middle School, Republic, Missouri; Washington High School, St. Louis, Missouri; Waynesville Sr. High, Waynesville, Missouri; and Wentzville Center, Wentzville, Missouri)*
**Lindenwood University**

14. MBA-Accounting (06-12) **Columbia College**
15. MBA-Human Resource Management (06-12) **Columbia College**
16. MBA, Supply Chain Management (12-11) **Lindenwood University**
17. MS, Applied Behavior Analysis *(for delivery at main campus and off-site delivery in St. Louis)* (12-11) **Forest Institute of Professional Psychology**
18. MS, Applied Health Behavior Research (02-12) *(for delivery at Danforth Campus)* **Washington University**
19. MS, Leadership (02-12) **Washington University**